

Course Codes
and
Clearing Endorsements
(Formerly called Appendix D)

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Nebraska Department of Education

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
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GENERAL INFORMATION

Nebraska approval regulations (Rule 14) and accreditation regulations (Rule 10) require that certain percentages of F.T.E. (Full Time Equivalency) elementary and middle grade teachers hold appropriate endorsements and that certain percentages of instructional units at the secondary grades be assigned to teachers holding appropriate endorsements. For teachers to be considered appropriately endorsed for their assignments, they must teach the grade levels indicated on their certificate. The grade level designations are shown on the following chart.

Certificate/Endorsement Level

LEVEL	Appropriate for the following grades
00	PK
01	Pre Primary – 3 all schools
02	K-6
03	K-8
04	7-9
05	K-9
06	7-12
07	K-12
08	9-12
09	4-9 This level will be phased out over time. See level 22 (5-9) below.
10	B-12
11	B-K
12	B-3
13	PK-6
14	PK-8
15	PK-12
16	10-12
17	PK-9
18	6-12
19	B-21
20	PK-3
21	B-PK
22	5-9

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The following pages show courses or subjects taught in Nebraska schools and the appropriate endorsements for those subjects or courses. In instances where no specific endorsement is required, the “level” of endorsement must still be appropriate for the assignment.

The following items describe special cases or circumstances.

Middle Grades:

- 1) When grades five through eight are designated as middle grades, either an elementary or a middle level endorsement is appropriate.
- 2) A middle level endorsement clears any subject area and course code for grades 5-9.
- 3) For grades seven and eight, a middle level endorsement or an appropriate secondary endorsement is appropriate.
- 4) Teachers holding an elementary endorsement may teach in grades seven and eight if they acquire six credit hours per year towards a middle level endorsement or if they participate in staff development in accordance with a local mission or plan for education of middle grade students.
- 5) Teachers holding a content area endorsement at the secondary level may teach grade six in that content area if they acquire six credit hours per year toward the elementary or middle level endorsement or participate in staff development in accordance with a local mission and plan for education of middle grade students.
- 6) When grade nine is designated as a middle grade, an appropriate secondary endorsement or a middle level endorsement covers a ninth-grade teaching assignment.
- 7) Secondary teachers may be assigned to integrated courses or curriculum in grades seven through nine if they hold an endorsement for any of the subjects or fields included in the course. See 10.007.02A2A
- 8) Teachers not holding an appropriate endorsement may be assigned to the middle grades if they acquire six credit hours per year towards a middle level endorsement.

Secondary Grades:

- 9) In secondary grades, teachers assigned to integrated courses or curriculum are considered appropriately endorsed if they hold an endorsement for any of the subjects or fields included in the course.
- 10) Course descriptions in this manual shown for grades 10, 11, and 12 are intended to describe higher level courses. If, however, the course is taught at a 9th grade level, the appropriate middle level endorsement will cover the assignment.

Elementary Grades:

- 11) An elementary endorsement is appropriate for courses taught in grades K-8.

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AGRICULTURE, FOOD AND NATURAL RESOURCES**INTRODUCTION TO AG, FOOD & NATURAL RESOURCES**Short Name**AG/EN-INTR**Course Code**011000**

The introductory course for the Agriculture, Food and Natural Resources Career Cluster providing a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

ANIMAL BIOLOGYShort Name**ANI BIO**Course Code**011004**

A course focusing on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

LARGE ANIMAL MANAGEMENTShort Name**LG ANIMGMT**Course Code**011005**

This course includes advanced scientific principles and communication skills that build on the knowledge and skills learned in Animal Biology. Topics include animal waste management, animal science economics, decision making, global concerns in the industry, genetics, and breeding. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

AGRICULTURE, FOOD AND NATURAL RESOURCES**COMPANION ANIMALS**Short NameCourse Code**COM ANIMAL****011006**

A course providing instruction on animal husbandry topics related to companion animals that are served by a veterinarian. This course includes breeding, grooming, care and marketing of companion animals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

PLANT SCIENCE/HORTICULTUREShort NameCourse Code**PLANT SCI****011007**

This course focuses on knowledge, information, and skills related to the science of plant production and agronomy and provides the necessary skills for careers in horticulture, agricultural production and management, and science. The content includes plant growth and reproduction, biotechnology and research, fertilizers, plant and tree identification, controlling weeds and pests, and proper use of agricultural chemicals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

HORT EDUC

0905

AGROMONIC SCIENCEShort NameCourse Code**AGRO SCI****011008**

This course provides the study of plant physiology and morphology and its relationship to growth, development and reproduction of crop and forage plants in the global environment. Topics include: seed identification, testing and grain grading. Identification of agronomic crops and major weeds in crop production and harvesting and handling will be emphasized. Classroom and laboratory activities are supported through supervised agricultural experiences and leadership programs and experiences.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

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AGRICULTURE, FOOD AND NATURAL RESOURCES
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AGRIBUSINESS

Short Name

Course Code

AGRI BUSN

011009

This course covers skills necessary for entry into employment or furthering education in an agricultural business. The course includes the study of business organizations, business structures, job responsibilities, job applications and interviewing, human relations, marketing, selling, displaying, using business machines, management and entrepreneurship skills. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

ECONOMICS & AGRIBUSINESS MGMT

Short Name

Course Code

ECON AGMGT

011010

This course builds on the knowledge and skills covered in Agribusiness. Content includes business activities, agribusiness leadership and management in the free enterprise system, economic principals, budgeting, finance, risk management, business law, marketing and careers in agribusiness. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

AGRICULTURAL SALES & ENTREPRENEURSHIP

Short Name

Course Code

AG SA/ENTP

011011

This course builds on the knowledge and skills covered in Agribusiness. Content includes entrepreneurship, business plan development, risk analysis, product/service promotion, and sales/marketing skill development. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

AGRICULTURE, FOOD AND NATURAL RESOURCES**MS INTRODUCTION TO AG, FOOD & NATURAL RESOURCES**Short Name**MSAFNR-INT**Course Code**011012**

This middle school introductory course for the Agriculture, Food and Natural Resources Career Cluster provides a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration.

Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 6-8

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

MIDDLE GR/AG EDUCATION

1810

AGRICULTURAL BIOLOGYShort Name**AG BIOLOGY**Course Code**011013**

A one year laboratory and lecture biological science course designed for students with career and/or college interests in agriculture. Using agriculture, the course focuses on teaching the Life Science Nebraska State Assessment Standards. The principles central concepts and inter-relationships will include: the molecular and cellular aspects of life, the chemical and structural basis of life, growth and reproduction in plants and animals, evolution of modern plants and domestic livestock species, plant and animal genetics, taxonomy of modern agricultural plants and animals, animal behavior and ecological relationships among plants, animals, humans and the environment. This course is centered on an extensive laboratory component in order to connect the ideas of life science with agricultural applications, earth and physical science principles and other curricular areas including written and oral reporting skills. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and career awareness activities.

Recommended Level: Grades 9-10

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

BIOLOGY

1303

SCIENCE

1301

EQUINE SCIENCEShort Name**EQUINE SCI**Course Code**011014**

A course focusing on the basic scientific principles and processes related to equine physiology, breeding, nutrition and care in preparation for a career in the equine industry. Skills in biology, chemistry and mathematics are reinforced in this course. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

AGRICULTURE, FOOD AND NATURAL RESOURCES**VETERINARY SCIENCE**Short Name**VET SCI**Course Code**011015**

Introduces students to the basics of animal care. Topics covered include disease, parasites, feeding, shelter, grooming, and general animal care. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number**

AGRICULTURE

0100

PLANT BIOLOGYShort Name**PLANT BIO**Course Code**011016**

This course covers the biology of plants grown for food, feed, fiber, fuel and fun. Students will learn about plant life cycles in managed and natural ecosystems and their role in global carbon and water cycles. Students will also discover the mechanisms plants use to drive and control their growth, propagate and change to compete with other organisms in their environment.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number**

AGRICULTURE

0100

NURSERY AND LANDSCAPEShort Name**NURS LAND**Course Code**012001**

Introduces students to the principles of design, methods of establishing and maintaining landscapes, and landscape business management procedures. Includes arranging plants, objects, and earth in the landscape; covers culture and maintenance of plants. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number**

AGRICULTURE

0100

HORT EDUC

0905

AGRICULTURE, FOOD AND NATURAL RESOURCES**FLORICULTURE**Short NameCourse Code**FLORICUL****012002**

Introduces business procedures, design principles, and production techniques used in retail and wholesale floral businesses. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 10-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

HORT EDUC

0905

TURF MANAGEMENTShort NameCourse Code**TURF MGT****012003**

Introduces procedures to establish, manage, and maintain ornamental or recreational turf, to prepare and maintain athletic fields and playing surfaces and to produce and market turf. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

HORT EDUC

0905

BIOTECHNOLOGYShort NameCourse Code**BIOTECH****012004**

This course equips students with a working knowledge of biotechnology as it is used in Agricultural, Food, Natural Resources, and Health Sciences. Students will diagram how classical processes have influenced trait improvement throughout history. Through application of DNA structure and gene insertion methods, students will demonstrate how genetic engineering has been applied to organism improvement and solving human health issues. Student will apply DNA and protein detection to determine presence of specific traits. Additionally, students will distinguish between scientific and societal biotechnology issues. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

AGRICULTURE, FOOD AND NATURAL RESOURCES**NATURAL RESOURCES**Short NameCourse Code**NAT RES****013000**

A course that provides an opportunity for students to increase awareness of the close ties among living organisms as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. Students are exposed to careers related to natural resources systems. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number****AGRICULTURE****0100****WILDLIFE MANAGEMENT**Short NameCourse Code**WDLIFE MGT****013001**

This course has an emphasis on the conservation of natural resources including outdoor recreation topics and provides students with the opportunity to understand and appreciate the importance of maintaining the land and ecological systems that enable non-domesticated animals to thrive. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number****AGRICULTURE****0100****ADVANCED NATURAL RESOURCES**Short NameCourse Code**ADV NATRES****013002**

Curriculum emphasizes advanced scientific principles and processes involved in conserving and/or improving natural resources such as air, water, land, forestry, wildlife, and energy. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number****AGRICULTURE****0100**

AGRICULTURE, FOOD AND NATURAL RESOURCES**FOOD SCIENCE**Short NameCourse Code**FOOD SCI****014000**

A course that introduces students to the principles, applications and science of food and food processing and production. Students will learn the scientific principles and practice scientific applications involved in the food industry including food science, food processing, microbiology, toxicology, regulations concerning the protection of the food supply and organic production of food and nutrition. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

ADVANCED FOOD SCIENCEShort NameCourse Code**ADFOOD SCI****014001**

Students will apply food science principles to enhance product development with particular emphasis on USDA/FDA standards, and nutritional analysis and evaluation of food groups. Students will analyze product preparation options to prepare products for distribution and utilize preservation methods to develop food preservation programs. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

**POWER, STRUCTURAL AND TECHNICAL SYSTEMS
FUNDAMENTALS**Short NameCourse Code**PST FUND****016000**

This course introduces selected major areas of agricultural mechanics technology including small engine operation and repair, metal fabrication, woodworking, and electrical wiring. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

AGRICULTURE, FOOD AND NATURAL RESOURCES**STRUCTURAL SYSTEMS**Short NameCourse Code**STRUCT SYS****016002**

This course provides an in-depth study of agricultural construction. It also provides the opportunity to explore the many career possibilities in the field of agricultural construction. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

POWER AND TECHNOLOGYShort NameCourse Code**POWER TECH****016003**

Provides advanced-level experiences in selected major areas of agricultural mechanics technology; includes small engine maintenance and repair, metal fabrication, concrete construction, building construction, plumbing, electrical wiring, maintenance of agricultural machinery, equipment and tractors, and soil and water conservation. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

WELDINGShort NameCourse Code**WELDING****016004**

This course provides in-depth study of metal and fabrication with metal products. It also provides the opportunity to explore the careers of agricultural metal fabrication. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food and Natural Resources.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

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AGRICULTURE, FOOD AND NATURAL RESOURCES
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METALS AND FABRICATION

Short Name

Course Code

METAL FAB

016005

This course builds upon skills learned and developed in Welding class. The emphasis of this class is to master advanced welding procedures and processes in conjunction with critical thinking, problem solving, drawing, and technical reading to solve fabrication problems. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

LEADERSHIP & ETHICS IN AGRICULTURE

Short Name

Course Code

LEADER

017000

Instruction provided in a semester long leadership, human resource development and related careers course includes leadership in a community, leadership concepts/applications, characteristics of an effective leader, characteristics of an effective manager and related practicum demonstrating contribution to society. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 11-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

CAREERS AND LITERACY OF AGRICULTURE

Short Name

Course Code

AG CAR LIT

018002

The focus of this course is to provide middle school students with a working knowledge of the Agriculture, Food, and Natural Resources career field of study. Students will experience the seven AFNR pathways, explore careers within these pathways, and focus on their pathway of interest. The course incorporates teachable moments pertaining to the college and career readiness skills found in the center of the Nebraska Career Education Model. Agricultural literacy, risk management, and current trends are also incorporated into the course.

Recommended Level: Middle/Junior High

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

MIDDLE GR/AG EDUCATION

1810

COURSE CODES AND CLEARING ENDORSEMENTSPage
11Revised
April
2017**AGRICULTURE, FOOD AND NATURAL RESOURCES****ENVIRONMENTAL SCIENCE**Short Name**ENV SCI**Course Code**018049**

A course designed to immerse students in the physical, biological and earth systems science that shape our environment in order to allow students to analyze environmental issues and make management decisions. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

BIOLOGY

1303

SCIENCE

1301

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCEShort Name**AP ENV SCI**Course Code**018050**

The AP Environmental Science course is designed to be the equivalent of a one semester, introductory college course in environmental science. Unlike most other introductory-level college science courses, environmental science is offered from a wide variety of departments, including geology, biology, environmental studies, environmental science, chemistry and geography.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

BIOLOGY

1303

SCIENCE

1301

CASE INTRODUCTION TO AGRICULTURE, FOOD & NATURAL RESOURCESShort Name**CASE AFNR**Course Code**018060**

Students participating in the Introduction to Agriculture, Food, and Natural Resources course will experience exciting "hands-on" activities, projects, and problems. Student experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. For example, students will work in groups to determine the efficiency and environmental impacts of fuel sources in a practical learning exercise.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 9-10

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

AGRICULTURE, FOOD AND NATURAL RESOURCES

CASE PLANT SCIENCE

Short Name
Course Code
CASE PLANT
018061

The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science so that students may continue through a sequence of courses through high school. Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name
Endorsement Number

AGRICULTURE

0100

CASE ANIMAL SCIENCE

Short Name
Course Code
CASE ANML
018062

This course is intended to serve as one of two foundational courses within the CASE™ sequence. The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in animal science so that students may continue through a sequence of courses through high school. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, or industry personnel face in their respective careers.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name
Endorsement Number

AGRICULTURE

0100

CASE ANIMAL & PLANT BIOTECHNOLOGY

Short Name
Course Code
CASE APBIO
018063

Animal and Plant Biotechnology, a specialization course in the CASE Program of Study, provides resources to the teacher to facilitate rigorous instruction and increase the level of student understanding related to biotechnology concepts. Students will complete hands-on activities, projects, and problems designed to build content knowledge and technical skills in the field of biotechnology. Students are expected to become proficient at projects involving micro pipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction. Research and experimental design will be highlighted as students develop and conduct industry appropriate investigations.

Other Info: This course can only be taught by CASE certified teachers following the CASE curriculum.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name
Endorsement Number

AGRICULTURE

0100

AGRICULTURE, FOOD AND NATURAL RESOURCES

FNS - FOOD PRODUCTION, NUTRITION, AND HEALTH

Short NameCourse Code

FOOD PROD

018080

This is a project-based foundational course to introduce students to the size and scope of food production, nutrition, and health, and the underlying principles. Students will define the food science industry, describe historical milestones, and analyze how the production, processing, distribution, and marketing of food and food products influence consumer behavior and health. Students will apply knowledge about food products, nutrients, and the chemical and physical properties of food to solve human nutrition and health problems. Upon completion of this course, students are prepared to enroll in either Food Science or Nutrition Science courses within this program of study in preparation for careers in those areas.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

FAMILY/CONSUMER SCIENCE

0903

FNS - FOOD SCIENCE

Short NameCourse Code

FOOD SCI

018081

This is a project-based course focusing on preparing students for further education and careers in the Food Science industry. Students will investigate the production, processing, distribution, and marketing of food to consumers. Students will apply the science associated with food and food products to the selection, preservation, processing, packaging, and distribution of safe and nutritious food. Students will explain the impacts of food on human health and nutrition.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

FAMILY/CONSUMER SCIENCE

0903

FNS - NUTRITION SCIENCE

Short NameCourse Code

NUTRI SCI

018082

This is a project-based course focusing on preparing students for further education and careers in the Nutrition Science industry. Students will understand the relationship between the body, nutrients, and health. Students will apply these understandings and the socioeconomic, cultural, and community influences on diet to develop dietary plans for a variety of lifestyles and human health concerns.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

FAMILY/CONSUMER SCIENCE

0903

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AGRICULTURE, FOOD AND NATURAL RESOURCES
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FNS - FOOD AND NUTRITION SCIENCE RESEARCH AND DEVELOPMENT

Short Name

Course Code

FOOD NUTR

018083

This course will be the culminating experience within the Food and Nutrition Sciences Program of Study. Through the application of knowledge and skills gained earlier in the program of study, students will explore all aspects of new food product development, from research and development to marketing. They will consider the nutritional needs of consumers, and possibilities for production, processing, distribution, and marketing of food to develop food products suitable for a variety of scenarios.

Other Info: This course can only be taught by teachers who have completed the FNS training following the FNS curriculum.

Recommended Level: Grades 9-12

Career Cluster: Agriculture, Food, and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

FAMILY/CONSUMER SCIENCE

0903

AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER

Short Name

Course Code

AGRI OTHER

019930

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

HORT EDUC

0905

AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER

Short Name

Course Code

AGRI OTHER

019931

Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

HORT EDUC

0905

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AGRICULTURE, FOOD AND NATURAL RESOURCES
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AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	<u>Short Name</u> AGRI OTHER	<u>Course Code</u> 019932
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Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
HORT EDUC	0905

AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	<u>Short Name</u> AGRI OTHER	<u>Course Code</u> 019933
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Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
HORT EDUC	0905

AGRICULTURE, FOOD AND NATURAL RESOURCES, OTHER	<u>Short Name</u> AGRI OTHER	<u>Course Code</u> 019934
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Programs or courses not listed or classified. This code may be used for such courses as: Independent Study, Aquaculture, International Agriculture. Please note courses coded in this area do not count toward an approved Nebraska Career Education Program of Study.

Recommended Level: Grades 7-12

Career Cluster: Agriculture, Food and Natural Resources

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
HORT EDUC	0905

BUSINESS, MARKETING AND MANAGEMENT**ACCOUNTING**Short Name**ACCT**Course Code**030300**

This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

Recommended Level: Grades 10-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

ACCOUNTING, ADVANCEDShort Name**ACCT AD**Course Code**030301**

This is a two-semester course that includes partnership and corporate accounting, adjustment in inventory control systems, budgetary control systems and further enhancement of accounting skills. Accounting is a prerequisite.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

COLLEGE PRINCIPLES OF ACCOUNTINGShort Name**PRIN ACCT**Course Code**030302**

This two-semester course is designed to provide introductory knowledge of accounting principles, concepts, and practices. Included topics are the balance sheet, the income statement, the statement of owner's equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal controls, inventories, fixed and intangible assets, liabilities, equity and financial statement analysis. This course provides a foundation for more advanced work in the fields of accounting and business. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS

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0304

COURSE CODES AND CLEARING ENDORSEMENTS**Page
17****Revised
April
2017****BUSINESS, MARKETING AND MANAGEMENT****COLLEGE PRINCIPLES OF ACCOUNTING II**Short Name
PRINACCTIICourse Code
030303

This course is a continuation of ACCT 1200 and is part of a Finance Academy. Principles of Accounting II includes accounting for businesses organized as corporations, cash flow statements, accounting for manufacturing businesses, preparing and using accounting data for management decision making, and analyzing and interpreting financial statements. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
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BUSINESS COMMUNICATIONShort Name
BUSNS COMMCourse Code
030600

Students will reinforce communication skills needed in business, management and administrative occupations by composing and reading written and digital communications, developing and delivering formal and informal presentations, applying active listening skills to obtain and clarify information, and exhibiting interpersonal skills to deal positively with diverse individuals. Students will use tables, charts, and figures to support written and oral communication, and locate, organize, and reference written information from various sources to communicate effectively. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 9-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
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FINANCIAL PLANNINGShort Name
FIN PLANCourse Code
030801

This course is part of the National Academy Foundation's Academy of Finance. Financial Planning provides students with an overview of the job of a financial planner. Students look at financial planning in an objective way that requires them to regard all aspects of financial planning as relevant to a potential client.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
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COURSE CODES AND CLEARING ENDORSEMENTS**Page
18****Revised
April
2017****BUSINESS, MARKETING AND MANAGEMENT****INSURANCE**Short NameCourse Code**INSUR****030802**

This course is part of the National Academy Foundation's Academy of Finance. This course introduces students to the insurance industry and to its critical role in the financial services sector and to society. It covers common types of insurance, including life, health and disability, property, liability, and forms of commercial insurance, and career opportunities.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

FINANCIAL SERVICESShort NameCourse Code**FIN SERV****030803**

This course is part of the National Academy Foundation's Academy of Finance. Financial Services provides students with an overview of financial services companies. This course introduces student to banking, monetary policy, investing, and financial careers. Students examine current issues including ethics in the financial services industry.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

COLLEGE FUNDAMENTALS OF FINANCIAL PLANNINGShort NameCourse Code**COL FIN PL****030804**

This course is a college course that is part of a Finance Academy. This course is the first of two courses examining the fundamentals of financial planning. Students will examine the principles of financial planning, steps in the financial planning process, tools and techniques used in the planning process, and explore careers associated with financial planning. This course may be available for dual credit at the postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

BUSINESS, MARKETING AND MANAGEMENT**BUSINESS LAW**Short NameCourse Code**BUSNS LAW****030900**

A course designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens. Key concepts include contracts and torts, the role of courts, litigation and constitutional issues including civil and criminal law.

Recommended Level: Grades 10-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

COLLEGE BUSINESS LAWShort NameCourse Code**COL BUSLAW****030901**

This course is a college course that is part of a Finance Academy. This course offers an introduction to ordinary legal aspects of business transactions involving such topics as legal rights and duties, law of contracts, law of sales, and law of property. It gives a general understanding and development of basic legal logic in business situations through the use of principles, cases, and information useful in determining the need for professional counsel. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

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0304

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BUSINESS, MARKETING AND MANAGEMENT		

BUSINESS ECONOMICS

Short Name

Course Code

BUSNS ECON

031800

Business Economics is a course designed to help students make decisions and understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

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BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

ECONOMICS

1503

SOCIAL SCIENCE

1501

BUSINESS STRATEGIES

Short Name

Course Code

BUSNSTRAT

031805

This course is part of the MBA Research Consortium's High School of Business National Model. Business strategies develop student understanding of skills in such areas as business law, entrepreneurship, financial analysis, human resources management, and strategic management. By planning, organizing, staffing, directing, leading, and controlling business activities, students acquire a realistic understanding of what is required to open and successfully run a business. They conduct situational, market, and competitive analyses; select a target market; develop a business plan; recruit, interview, select, and hire staff; supervise staff; control use of resources; and evaluate the results of the business effort. Throughout the course, students make decisions and use problem-solving skills. Formal reflection is an on-going component of the course.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

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0304

COURSE CODES AND CLEARING ENDORSEMENTS**Page
21****Revised
April
2017****BUSINESS, MARKETING AND MANAGEMENT****INTRODUCTION TO BUSINESS, MARKETING & MGMT**Short Name
INTROBUSNSCourse Code
032300

This course is designed as an introductory overview of the Business, Marketing and Management Career Field. Units of study include economic systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.

Recommended Level: Grades 9-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
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EXPLORATION OF BUSINESS AND ENTREPRENEURSHIPShort Name
EXPBUS ENTCourse Code
032350

A middle-level course designed to give students an overview of Business, Marketing and Management Career Field and Clusters with an emphasis on entrepreneurship. Students will begin the study of personal money management, basic business concepts, entrepreneurship concepts, the role of business in our society and be introduced to entrepreneurship as a career option.

Recommended Level: Middle/Junior High

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
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ENTREPRENEURSHIPShort Name
ENTREPCourse Code
032370

Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Instructional strategies include the development of a business plan, operation of a school-based business, or actual creation of a student-run business.

Recommended Level: Grades 9-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
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22****Revised
April
2017****BUSINESS, MARKETING AND MANAGEMENT****COLLEGE INTRODUCTION TO BUSINESS**Short Name**COLINT BSN**Course Code**032400**

This college-level course surveys the structure and functions of the American business system in a global society, together with an overview of business organization, economics, management, marketing, and finance. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

COLLEGE INTRODUCTION TO ENTREPRENEURSHIPShort Name**COL ENTREP**Course Code**032600**

College Introduction to Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Instructional strategies include the development of a business plan, operation of a school-based business, or actual creation of a student-run business. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

COLLEGE ENTREPRENEURSHIP FEASIBILITY STUDYShort Name**COL ENTFEA**Course Code**032601**

College Entrepreneurship Feasibility Study is a course in which students will assess the viability of a new venture business idea to determine if the concept is feasible. The student will identify and analyze the present climate for their business idea by completing an industry, target market, and competitive analysis. The student will assess the financial needs for startup as well as their own skills, strengths, and talents to launch a successful business idea. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

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BUSINESS, MARKETING AND MANAGEMENT

COLLEGE ENTREPRENEURSHIP LEGAL ISSUES

Short Name

Course Code

COLENT LGL

032602

College Entrepreneurship Legal Issues explores legal issues related to business entities including sole proprietorship, general partnerships, limited partnerships, and corporations. Students will review contract law, articles of incorporations and the filing process, intellectual property, employment law (including FERPA, ADA, and FMLA), personnel policies and procedures, the hiring process, job descriptions, disciplinary actions, and business insurance. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BASIC BUSINESS

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BUSINESS, MARKETING, INFO TECH

0304

COLLEGE MARKETING FOR THE ENTREPRENEUR

Short Name

Course Code

COL MKENT

032603

College Marketing for the Entrepreneur will provide insights essential for marketing an entrepreneurial venture utilizing innovative and financially responsible marketing strategies. Students will develop an understanding of traditional and non-traditional entrepreneurial marketing strategies and prepare marketing strategies with associated tactics to launch and sustain an entrepreneurial venture. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

COLLEGE ENTREPRENEURSHIP FINANCIAL TOPICS

Short Name

Course Code

COL ENTFIN

032604

This course will cover financial topics for small business. Financial topics include budgeting, creation of financial statements and learning how to work with an accounting professional. Other topics covered are income tax, sales and use tax, unemployment tax, employee benefits and retirement planning. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

BUSINESS, MARKETING AND MANAGEMENT**COLLEGE ENTREPRENEURSHIP BUSINESS PLAN**Short Name
COL ENTBPLCourse Code
032605

The student will evaluate a business concept and create a business plan. Students will assess the strengths and weaknesses of a business concept, apply research data into the plans, and prepare the financial projections for the business concept. Students will identify and evaluate various resources available for funding small businesses. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

MANAGEMENT AND LEADERSHIPShort Name
MGT/LEADCourse Code
032802

This course emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization. They will also acquire essential skills in the areas of emotional intelligence: time management, stress management, professional growth and development, communication, and relationship skills.

Recommended Level: Grades 10-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

COLLEGE PRINCIPLES OF MANAGEMENTShort Name
COL MGTCourse Code
032803

This course is a college course that is part of a Finance Academy. This is an introduction to the theory and practice of management of the organization. Special attention is devoted to the processes of planning, decision making, organizing, leading, and controlling the organization. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304

BUSINESS, MARKETING AND MANAGEMENT**PERSONAL FINANCE**Short NameCourse Code**PERSON FIN****033000**

The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

PRINCIPLES OF FINANCEShort NameCourse Code**PRIN FIN****033001**

This course is part of the MBA Research Consortium's High School of Business National Model. Principles of Finance furthers student understanding of two specific business activities - accounting and finance. Students acquire an understanding of financial statements, calculate financial ratios, and make corporate financial management decisions based on their analysis of that financial data.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

BUSINESS, MARKETING AND MANAGEMENT**COLLEGE WEALTH BUILDING & FINANCIAL MANAGEMENT**Short NameCourse Code**COL WEALTH****033002**

This course is designed to provide knowledge of personal financial management. Students learn to manage their resources to make sound personal financial decisions, interpret data to develop short and long term budgetary plans, and develop product knowledge related to financial planning. Students will develop a financial plan that includes savings, investing, credit management, risk management, and retirement. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

COLLEGE INTERNATIONAL FINANCEShort NameCourse Code**COL INTFIN****033003**

This course is a college course that is part of a Finance Academy. This course offers an introduction to an analysis of international finance providing a conceptual framework within which the unique financial decisions of the multinational firm can be analyzed. The student gains an understanding of decision elements of the international organization such as divergences in currencies, exchange rate issues (variations and controls), rates of inflation, tax systems, money and capital markets, and political systems. This course may be available for dual credit a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

COLLEGE INTRODUCTION TO INVESTMENTShort NameCourse Code**COL INVEST****033004**

This course is a college course that is part of a Finance Academy. This course presents an introductory review of investment concepts and theory including analysis of individual investments, stocks, bonds, mutual funds, security markets, and portfolio management. This course may be available for dual credit a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

COURSE CODES AND CLEARING ENDORSEMENTS	Page 27	Revised April 2017
BUSINESS, MARKETING AND MANAGEMENT		

COMPUTER APPLICATIONS

Short Name

Course Code

COMP APP

033422

This middle-level course is designed to emphasize digital citizenship, basic computer operations, word processing applications, spreadsheet applications, presentation applications, and technology communication tools. Students will master keyboarding skills; compose, create, edit, and format word processing documents; organize and manipulate data in a spreadsheet; and prepare a formal presentation for Computer Applications to count toward a Program of Study the course must be offered for one semester at the 8th grade level.

Recommended Level: Middle/Junior High

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

INFORMATION TECHNOLOGY

2701

MIDDLE GR/BUSINESS ED

1812

KEYBOARDING APPLICATIONS

Short Name

Course Code

KEYBD APP

033501

Keyboarding is identified as a foundation knowledge and skill area for all students regardless of their career interest. This middle-level course is designed for students to learn touch typing techniques and proper keystroking while continuing to develop composition and proofreading skills as well as speed and accuracy. Students will demonstrate keyboarding proficiency in document formatting (letters, reports, and tables). Students will demonstrate acceptable ethical and social behavior while developing keyboarding skills. .

Recommended Level: Middle/Junior High

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

INFORMATION TECHNOLOGY

2701

MIDDLE GR/BUSINESS ED

1812

BUSINESS, MARKETING AND MANAGEMENT**BUSINESS IN A GLOBAL ECONOMY**Short NameCourse Code**GLOBL ECON****034100**

This course is part of the National Academy Foundation's Academy of Finance, Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing firms doing business internationally and to the potential opportunities and markets that are lost to firms that choose not to do business in the global marketplace.

Recommended Level: Grades 11-12

Career Cluster: Business Management and Administration

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

MARKETINGShort NameCourse Code**MARKET****038100**

Students will explore the basic functions of marketing: pricing, promotion, product planning, and place/distribution: the marketing mix. The curriculum provides the foundational skills and knowledge in economics, communications skills/interpersonal skills, professional career development, business, management, and entrepreneurship. Application of academic concepts and technology are integrated throughout the curriculum.

Recommended Level: Grades 10-12

Career Cluster: Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

MARKETING MANAGEMENTShort NameCourse Code**MARK MGT****038101**

This course develops student understanding and skills promotion, channel management, marketing information management, market planning, pricing, and product/service management. The curriculum utilizes communication, team building, and problem-solving skills while applying academic and critical-thinking strategies. Application of academic concepts and technology are integrated throughout the curriculum enhancing career and professional development.

Recommended Level: Grades 10-12

Career Cluster: Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

BUSINESS, MARKETING AND MANAGEMENT**ADVANCED MARKETING**Short NameCourse Code**ADV MKTG****038200**

The course will emphasize entrepreneurial development and responsive marketing strategies that meet customer needs. The course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, distribution, and pricing. Additional topics include external environment, economics, politics, government, market research, international marketing, cultural diversity, ethics, technology, and careers in marketing. Capstone activities include development of a marketing or business plan.

Recommended Level: Grades 11-12

Career Cluster: Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

COLLEGE PRINCIPLES OF MARKETINGShort NameCourse Code**COL MKTG****038201**

The course is an introduction to the language and issues of marketing with an emphasis on learning to develop responsive marketing strategies that meet customer needs. The course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, distribution, and pricing. Additional topics include external environment, economics, politics, government, marketing research, international marketing, cultural diversity, ethics, technology, and careers in marketing. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Marketing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

ADVANCED PLACEMENT MACROECONOMICSShort NameCourse Code**AP MACECON****038500**

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

ECONOMICS

1503

BUSINESS, MARKETING AND MANAGEMENT**ADVANCED PLACEMENT MICROECONOMICS**Short Name**AP MICECON**Course Code**038501**

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. This course places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

COLLEGE MACROECONOMICSShort Name**CMACROEC**Course Code**038502**

This is a course designed to help students explore theories of employment, Gross Domestic Product, inflation and economic growth. Topics include income theories, savings and investments, business fluctuations, inflation, growth theories and monetary and fiscal policies. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503

COURSE CODES AND CLEARING ENDORSEMENTS**Page
31****Revised
April
2017****BUSINESS, MARKETING AND MANAGEMENT****COLLEGE MICROECONOMICS**Short Name**CMICROEC**Course Code**038503**

This course presents the theory and application of the four market structures: pure competition, monopolistic competition, oligopoly and monopoly. Students determine the revenue, costs, output and prices for each market structure along with the social implications of each. In addition, the course analyzes various social issues using the microeconomic principles of elasticity, benefit and cost, and diminishing returns analysis. This course may be available for dual credit at a postsecondary institution.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

ECONOMICS

1503

BUSINESS, MARKETING AND MANAGEMENT, OTHERShort Name**BUSNS OTH**Course Code**039930**

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

BUSINESS, MARKETING AND MANAGEMENT, OTHERShort Name**BUSNS OTH**Course Code**039931**

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

COURSE CODES AND CLEARING ENDORSEMENTS**Page
32****Revised
April
2017****BUSINESS, MARKETING AND MANAGEMENT****BUSINESS, MARKETING AND MANAGEMENT, OTHER**Short NameCourse Code**BUSNS OTH****039932**

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

BUSINESS, MARKETING AND MANAGEMENT, OTHERShort NameCourse Code**BUSNS OTH****039933**

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

BUSINESS, MARKETING AND MANAGEMENT, OTHERShort NameCourse Code**BUSNS OTH****039934**

Courses not otherwise listed. Using codes 039930 through 039934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Business Management and Administrator

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**MIDDLE SCHOOL CAREER DEVELOPMENT**Short NameCourse Code**MS CAREER****320100**

Students learn how to effectively explore careers while using the Nebraska Career Education Model and related resources. Students will learn the vocabulary and expectations of effective academic and career planning. A focus will be to discover the relationship between personal-social qualities, interests and skills to a wide variety of careers and postsecondary options to choose from. Emphasis will be given to learn and opportunities to practice the Nebraska Career Readiness Standards of Practice, which are current expectations in today's workplace. Students will draw upon these conclusions to develop a Personal Learning Plan to transition into high school with a broad career cluster focus.

Recommended Level: Middle/Junior High

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501

HIGH SCHOOL CAREER DEVELOPMENTShort NameCourse Code**HS CAREER****320101**

Students learn and apply the career and college planning process using the Nebraska Career Education Model and related resources. Students will identify personal interests, skills and values, then apply this knowledge to both academic and career decision making. Students will demonstrate progress/proficiency in Nebraska Career Readiness Standards of Practice which are current expectations in today's workplace. Student will activate the planning process by setting goals, developing and implement a Personal Learning Plan, for effective transition from high school to most appropriate post secondary education based on knowledge of self, career goal and financial considerations.

Recommended Level: High School

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY

ENGAGE! CAREER EXPLORATION AND READINESS

Short NameCourse Code

ENGAGE

320300

This is a project based course designed to help middle school students explore career options using the Nebraska Career Education Model and understand the Nebraska Career Readiness Standards. The course is organized by three themes - Making it My Choice, A World of Options and Charting a Direction - with culminating individual and group projects. Students will define career clusters and pathways, describe examples of career readiness, utilize self-assessments to better understand interests, establish a career portfolio and create a personal learning plan to provide direction to high school and post-high school activities. This course is aligned to American School Counselor Association Standards for Students and integrates EducationQuest tools and resources for middle school students.

Recommended Level: Grades 7-8

Career Cluster: Foundational, Career Development and Career Education Introductory Course

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501

FUNDAMENTALS OF ENTREPRENEURSHIP

Short NameCourse Code

FUN ENTREP

320600

Fundamentals of Entrepreneurship is a course designed for students to explore the characteristics of an entrepreneur within any of the six career fields. Students will analyze opportunities in entrepreneurship. Emphasis is on understanding the forms of business ownership and reviewing the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the local, regional and national economy will be explored. Students will identify and understand the rationale of a start-up business plan.

Recommended Level: Grades 9-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**OTHER WORK-BASED LEARNING CLASS**Short NameCourse Code**WKBL CL****320700**

A class that provides students the opportunity to connect what they learn in school with worksite application. Students are placed in an occupation that best relates to their career interest and aptitude. The school and business community work together to plan activities that will enable each student to apply the knowledge, attitudes and skills learned in the classroom to actual business situations and positions.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

OTHER WORK-BASED LEARNING EXPERIENCEShort NameCourse Code**WKBL EXP****320701**

This course allows the district to award credit for the work based learning work experience. This is a companion course to 320700, the classroom portion of the COOP/DO, work based learning program.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

AFNR WORK-BASED LEARNING EXPERIENCEShort NameCourse Code**AFNR WBL****320702**

This course allows the district to award credit for an Agriculture, Food and Natural Resources work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**ARCH & CONST WORK-BASED LEARNING EXPERIENCE**Short Name**AC WBL**Course Code**320703**

This course allows the district to award credit for an Architecture and Construction work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

ARTS, AV & COM WORK-BASED LEARNING EXPERIENCEShort Name**AAVC WBL**Course Code**320704**

This course allows the district to award credit for an Arts, A/V Technology & Communication work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

BUSINESS MGMT WORK-BASED LEARNING EXPERIENCEShort Name**BMA WBL**Course Code**320705**

This course allows the district to award credit for a Business, Management and Administration work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

COURSE CODES AND CLEARING ENDORSEMENTSPage
37Revised
April
2017**CAREER EDUCATION FOUNDATIONAL AND SPECIALTY****ED & TRAIN WORK-BASED LEARNING EXPERIENCE**Short Name**EDT WBL**Course Code**320706**

This course allows the district to award credit for an Education and Training work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

ENERGY & ENG WORK-BASED LEARNING EXPERIENCEShort Name**EE WBL**Course Code**320707**

This course allows the district to award credit for an Energy and Engineering work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

FINANCE WORK-BASED LEARNING EXPERIENCEShort Name**FIN WBL**Course Code**320708**

This course allows the district to award credit for a Finance work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

COURSE CODES AND CLEARING ENDORSEMENTS	Page 38	Revised April 2017
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CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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GOVT, PUBLIC ADMIN WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> GPA WBL	<u>Course Code</u> 320709
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This course allows the district to award credit for a Government and Public Administration work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
COOP ED DIV OCC	1605

HEALTH SCIENCE WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> HS WBL	<u>Course Code</u> 320710
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This course allows the district to award credit for a Health Science work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
COOP ED DIV OCC	1605

HOSPITALITY & TOURISM WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> HT WBL	<u>Course Code</u> 320711
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This course allows the district to award credit for a Hospitality & Tourism work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
COOP ED DIV OCC	1605

COURSE CODES AND CLEARING ENDORSEMENTS	Page 39	Revised April 2017
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CAREER EDUCATION FOUNDATIONAL AND SPECIALTY
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HUMAN SERVICES/FACS WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> HSFACS WBL	<u>Course Code</u> 320712
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This course allows the district to award credit for a Human Services/FACS work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
COOP ED DIV OCC	1605

INFORMATION TECHNOLOGY WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> IT WBL	<u>Course Code</u> 320713
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This course allows the district to award credit for an Information Technology work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
COOP ED DIV OCC	1605

LAW, PUBLIC SAFETY WORK-BASED LEARNING EXPERIENCE	<u>Short Name</u> LPSS WBL	<u>Course Code</u> 320714
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This course allows the district to award credit for a Law, Public Safety & Security work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
COOP ED DIV OCC	1605

CAREER EDUCATION FOUNDATIONAL AND SPECIALTY**MANUFACTURING WORK-BASED LEARNING EXPERIENCE**Short Name**MFCT WBL**Course Code**320715**

This course allows the district to award credit for a Manufacturing work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

MARKETING WORK-BASED LEARNING EXPERIENCEShort Name**MKT WBL**Course Code**320716**

This course allows the district to award credit for a Marketing work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

TRANSPORTATION WORK-BASED LEARNING EXPERIENCEShort Name**TDL WBL**Course Code**320717**

This course allows the district to award credit for a Transportation, Distribution and Logistics work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Career Cluster: Foundation, Career Development and Career Education Introductory Courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

COURSE CODES AND CLEARING ENDORSEMENTS**Page
41****Revised
April
2017****CAREER EDUCATION FOUNDATIONAL AND SPECIALTY****ENGLISH/LANGUAGE ARTS WORK-BASED LEARNING EXPERIENCE**Short Name**ELA WBL**Course Code**320718**

This course allows the district to award credit for an English Language Arts work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

MATHEMATICS WORK-BASED LEARNING EXPERIENCEShort Name**MATH WBL**Course Code**320719**

This course allows the district to award credit for a Mathematics work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

SCIENCE WORK-BASED LEARNING EXPERIENCEShort Name**SCI WBL**Course Code**320720**

This course allows the district to award credit for a Science work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

COURSE CODES AND CLEARING ENDORSEMENTS**Page
42****Revised
April
2017****CAREER EDUCATION FOUNDATIONAL AND SPECIALTY****SOCIAL STUDIES WORK-BASED LEARNING EXPERIENCE**Short Name**SS WBL**Course Code**320721**

This course allows the district to award credit for a Social Studies work-based learning experience.

This course must be a part of a Work-based Learning Program.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

COOP ED DIV OCC

1605

CAREER ED FOUNDATIONAL & SPECIALTY, OTHERShort Name**CEFS,OTHER**Course Code**329930**

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster Level: Foundation, Career Development and Career Education

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

AGRICULTURE

0100

BASIC BUSINESS

0301

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSUMER SCIENCE

0903

INDUSTRIAL TECH EDUCATION

1000

MIDDLE GR/AG EDUCATION

1810

MIDDLE GR/BUSINESS ED

1812

MIDDLE GR/FAMILY & CONSUMER

1813

MIDDLE GR/INDUSTRIAL TECH

1816

SCHOOL COUNSELOR

2501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 43	Revised April 2017
CAREER EDUCATION FOUNDATIONAL AND SPECIALTY		

CAREER ED FOUNDATIONAL & SPECIALTY, OTHER

Short Name

Course Code

CEFS,OTHER

329931

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster Level: Foundation, Career Development and Career Education

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501

CAREER ED FOUNDATIONAL & SPECIALTY, OTHER

Short Name

Course Code

CEFS,OTHER

329932

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster Level: Foundation, Career Development and Career Education

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 44	Revised April 2017
CAREER EDUCATION FOUNDATIONAL AND SPECIALTY		

CAREER ED FOUNDATIONAL & SPECIALTY, OTHER

Short Name

Course Code

CEFS,OTHER

329933

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster Level: Foundation, Career Development and Career Education

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501

CAREER ED FOUNDATIONAL & SPECIALTY, OTHER

Short Name

Course Code

CEFS,OTHER

329934

Courses not otherwise listed. Using codes 329930-329934 means you can add five "other courses" by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 6-12

Career Cluster Level: Foundation, Career Development and Career Education

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE	0100
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
FAMILY/CONSUMER SCIENCE	0903
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/AG EDUCATION	1810
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/INDUSTRIAL TECH	1816
SCHOOL COUNSELOR	2501

COMMUNICATION & INFORMATION SYSTEMS**PROGRAMMING I**Short NameCourse Code**PROG I****270401**

Programming I covers fundamental concepts of programming. These are provided through explanations and effects of commands and hands-on utilization of computers to produce correct output. This course introduces effective techniques necessary for the efficient solution of a variety of complex problems using a high-level programming language. It includes problem descriptions, flow charts, hierarchy diagrams, pseudocode, and program documentation as a means of solving these problems. This course emphasizes the creation of efficient algorithms through fundamental programming techniques such as input/output handling, programming structures, and data storage. Students are introduced to project management techniques, including standard debugging techniques and collaborative programming strategies.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

MATHEMATICS

1100

PROGRAMMING IIShort NameCourse Code**PROG II****270402**

Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Topics covered include the use of simple data types as well as complex data structures, best practices in application design, and the collaborative and social aspects of computing.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

MATHEMATICS

1100

PROGRAMMING IIIShort NameCourse Code**PROG III****270403**

Students will demonstrate advanced skills in the program development process through expanded use of programming language. Languages may include, but are not limited to C++, Visual Basic, Java, SQL, RPG, COBOL and Assembler. Students demonstrating advanced level programming knowledge and skills may be exposed to collaborative environments that simulate project environments.

Recommended Level: Grades 11-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

MATHEMATICS

1100

COMMUNICATION & INFORMATION SYSTEMS**INFORMATION TECHNOLOGY APPLICATIONS I**Short Name**ITECH I**Course Code**270501**

Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

Recommended Level: Grades 9-10

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

INFORMATION TECHNOLOGY APPLICATIONS IIShort Name**ITECH II**Course Code**270502**

This course will focus on skill development in advanced spreadsheet, database, integration of applications utilizing advanced features, and exploring web technologies. Students taking both Information Technology Applications I and II may be eligible for dual credit at a participating postsecondary institution. Skills, standards, and coursework align with industry certifications.

Recommended Level: Grades 9-10

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

COMMUNICATION & INFORMATION SYSTEMS**INFORMATION TECHNOLOGY FUNDAMENTALS**Short Name**ITECH FUND**Course Code**270504**

Students are introduced to the proper use of information technologies (IT). In addition, they will be introduced to hardware and software selection and use, technology resource support, and ethical issues. Students will investigate information technology careers and certifications in networking, programming and IT support services. Units would include, but not be limited to, exploring concepts in networking, programming, and support services, computer hardware components and peripherals, system and application software, and impact of technology on society.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

INFORMATION TECHNOLOGY

2701

CISCO I: INTRODUCTION TO NETWORKSShort Name**INTRONET**Course Code**270505**

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media and operations are introduced to provide a foundation for the curriculum. By the end of this course, students will be able to build simple LANs, perform basic configurations for routers and switches and implement IP addressing schemes.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

CISCO II: ROUTING AND SWITCHING ESSENTIALSShort Name**R&S ESSEN**Course Code**270506**

This course describes the architecture, components and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. CCNA II is part of the CISCO Certified Network Associate program that prepares students for the CCENT industry certification.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

COMMUNICATION & INFORMATION SYSTEMS**CISCO III: SCALING NETWORKS**Short Name**SCAL NET**Course Code**270507**

This course describes the architecture, components and operations of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. CISCO III is part of the Cisco Certified Network Associate program that prepares students for industry certification.

Recommended Level: Grades 11-12

Career Cluster: Informational Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

NETWORKINGShort Name**NET SYS**Course Code**270601**

This course is a study of the fundamentals of current networking technology. Students will learn to design, plan, implement, and support computer networks. The course introduces a full range of computer networking from local area networks to wide area networks.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

DIGITAL MEDIAShort Name**DIG MEDIA**Course Code**270602**

Students will create, design and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management and web processes.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

INFORMATION TECHNOLOGY

2701

COMMUNICATION & INFORMATION SYSTEMS**FOUNDATIONS OF WEB DESIGN**Short NameCourse Code**WEB DESIGN****270604**

Students will demonstrate knowledge of web design and languages, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH
INFORMATION TECHNOLOGY

0304
2701

PC SUPPORT AND MAINTENANCEShort NameCourse Code**PC SUPP****270606**

Students enter the world of computer technology and gain practical experience in assembling a computer system, installing an operating system, troubleshooting computers and peripherals, and using system tools and diagnostic software. They develop skills in resource sharing. In addition, students explore the relationships between internal and external computer components. Emphasis is placed on customer service skills and career exploration.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH
INFORMATION TECHNOLOGY

0304
2701

INFORMATION TECHNOLOGY SUPPORTShort NameCourse Code**ITECSUP****270607**

Students will explore the issues related to providing information technology support to organizations. They will practice effective customer support strategies and learn troubleshooting techniques for hardware, software, and operating systems. Students will recommend technology products, design training documentation, and identify security threats.

Recommended Level: Grades 10-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH
INFORMATION TECHNOLOGY

0304
2701

COMMUNICATION & INFORMATION SYSTEMS**INTRODUCTION TO MEDIA**Short Name**INT MEDIA**Course Code**270608**

Students enrolled in this course will explore media skills for a variety of purposes (e.g., print, broadcast, video, audio, Internet, mobile). Students will learn about the power of the media and its historical development, current trends, and future innovations. Legal and ethical standards will be introduced as students begin the writing and editing process through hands-on opportunities with equipment and software.

Recommended Level: Grades 10-12

Career Cluster: Arts, A/V Technology, and Communications

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
JOURNALISM AND MEDIA EDUCATION	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

VIDEO PRODUCTIONShort Name**VIDEO PROD**Course Code**270609**

Students will expand their media skills of interviewing, reporting, writing, editing, photography/videography, and design. Students will explore careers while working together to create projects in a variety of media, such as print, web, podcast, and/or broadcast. The emphasis of Video Production is on collaboration and career exploration.

Recommended Level: Grades 10-12

Career Cluster: Arts, A/V Technology and Communications

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
JOURNALISM AND MEDIA EDUCATION	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

COMMUNICATION & INFORMATION SYSTEMS**MEDIA PRODUCTION**Short NameCourse Code**MED PROD****270610**

Students will apply their media skills of interviewing, reporting, writing, editing, photography/videography, and design. Students will produce in a variety of media, such as print, broadcast, video, audio, Internet, and/or mobile. The emphasis of Media Production II is to work both independently and collaboratively to create a professional product while meeting deadlines.

Recommended Level: Grades 10-12

Career Cluster: Arts, A/V Technology and Communications

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH	0304
ENGLISH LANGUAGE ARTS	0502
INFORMATION TECHNOLOGY	2701
JOURNALISM AND MEDIA EDUCATION	0510
JOURNALISM AND MEDIA EDUCATION	0520
SPEECH	0506
SPEECH	0522

DIGITAL DESIGNShort NameCourse Code**INT DIGTL****270611**

This course will introduce students to the technical tools and processes used in digital design. Students will be introduced to the design process model which includes typography, color, and imagery. In addition, design software will be utilized to create graphics, animation, web pages, and video. Students will demonstrate proper use of fair use guidelines. Career opportunities in digital design will be explored.

Recommended Level: Grades 9-12

Career Cluster: Arts, A/V Technology and Communications

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART	0200
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

COMMUNICATION & INFORMATION SYSTEMS**ADVANCED DIGITAL DESIGN**Short Name**ADV DIGTL**Course Code**270613**

Students will focus on developing advanced skills to plan, design, and create interactive projects using the elements of text, graphics, animation, sound, video, and digital imaging in interactive projects. These skills can prepare students for entry-level positions and other occupational or educational goals.

Recommended Level: Grades 11-12

Career Cluster: Arts, A/V Technology and Communications

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART	0200
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

ADVANCED PLACEMENT COMPUTER SCIENCE AShort Name**AP COMSC A**Course Code**270700**

The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design and abstraction. Students are expected to be familiar with and be able to use standard Java library classes from the AP Java subject. Students should be able to read and understand a description of the design and development process leading to such a program. This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.org

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COMPUTER SCIENCE AShort Name**COMSC A**Course Code**270701**

Computer Science A focuses on further developing computational thinking skills through app development for mobile platforms. The course utilizes industry-standard tools. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COMMUNICATION & INFORMATION SYSTEMS**ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES**Short Name
AP CSPCourse Code
270702

The course introduces the essential ideas of computer science with a focus on how computing can impact the world. Along with the fundamentals of computing, one will learn to analyze data, information, or knowledge represented for computational use; create technology that has a practical impact; and gain a broader understanding of how computer science impacts people and society.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.org

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COMPUTER SCIENCE PRINCIPLESShort Name
CSPCourse Code
270703

Computer Science Principles introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computer, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

FOUNDATIONS OF COMPUTINGShort Name
FNDCOMPCourse Code
270704

Designed to be the first computer science course for students who have never programmed before. Foundations of Computing is a starting point for Computer Science. Students will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COMMUNICATION & INFORMATION SYSTEMS**SOFTWARE DEVELOPMENT**Short Name**SOFDEV**Course Code**270705**

Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Students will apply what they have learned through real world application.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

MATHEMATICS

1100

WEB DESIGN AND DEVELOPMENTShort Name**WEBDEV**Course Code**270706**

Students will demonstrate advanced knowledge of web design and development, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to the development and coding of a website. This course may be available for dual credit at a postsecondary institution.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

CYBERSECURITYShort Name**CYBER**Course Code**270707**

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Students will solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INFORMATION TECHNOLOGY

2701

MATHEMATICS

1100

COMMUNICATION & INFORMATION SYSTEMS**PROJECT LEAD THE WAY - COMPUTER SCIENCE PRINCIPLES**Short Name
PLTW-CSPCourse Code
270708

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

PROJECT LEAD THE WAY - COMPUTER SCIENCE AShort Name
PLTW-CSACourse Code
270709

Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. This course aligns with the AP CS A course.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

PROJECT LEAD THE WAY – COMPUTER SCIENCE ESSENTIALSShort Name
PLTW-CSECourse Code
270710

In Computer Science Essentials, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INFORMATION TECHNOLOGY	2701
MATHEMATICS	1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 56	Revised April 2017
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COMMUNICATION & INFORMATION SYSTEMS
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PROJECT LEAD THE WAY – CYBERSECURITY

Short Name

Course Code

PLTW-CYBER

270711

Students explore the tools and concepts of cybersecurity and create solutions that allow people to share computing resources while protecting privacy.

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INFORMATION TECHNOLOGY

2701

MATHEMATICS

1100

COMMUNICATION AND INFORMATION SYSTEMS, OTHER

Short Name

Course Code

COMP OTHER

279930

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five “other” courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

INFORMATION TECHNOLOGY

2701

COMMUNICATION AND INFORMATION SYSTEMS, OTHER

Short Name

Course Code

COMP OTHER

279931

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five “other” courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

INFORMATION TECHNOLOGY

2701

COURSE CODES AND CLEARING ENDORSEMENTS**Page
57****Revised
April
2017****COMMUNICATION & INFORMATION SYSTEMS****COMMUNICATION AND INFORMATION SYSTEMS, OTHER**Short Name
COMP OTHERCourse Code
279932

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

COMMUNICATION AND INFORMATION SYSTEMS, OTHERShort Name
COMP OTHERCourse Code
279933

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

COMMUNICATION AND INFORMATION SYSTEMS, OTHERShort Name
COMP OTHERCourse Code
279934

Programs or courses not otherwise listed or classifiable.

Using codes 279930 through 279934 means you can add five "other" courses by using one code for each one of the five courses.
PLEASE NOTE: Courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Information Technology

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BUSINESS, MARKETING, INFO TECH	0304
INFORMATION TECHNOLOGY	2701

COURSE CODES AND CLEARING ENDORSEMENTS	Page 58	Revised April 2017
DRIVER EDUCATION/SAFETY EDUCATION		

DRIVER EDUCATION

Short Name

Course Code

DR ED

210105

The course emphasizes a combination of classroom study and automobile operation designed to assist students in becoming knowledgeable traffic citizens while providing the opportunity to operate an automobile under actual road conditions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

DRIVER EDUCATION

2101

SAFETY EDUCATION

Short Name

Course Code

SAFETY ED

210200

A combination of subject matter and experiences directed toward the conservation of human and material resources. The learning environment provided is such that students may acquire knowledge and behavioral patterns conducive to efficient and safe living.

This code should also be used for such courses as:

- School Safety
- Bicycle, Motorcycle Safety
- Vocational and Occupational Safety
- Moped Safety
- Pedestrian Safety
- Other Safety

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

DRIVER EDUCATION

2101

EDUCATION AND TRAINING**INTRODUCTION TO EDUCATION AND TRAINING**Short Name**INTR EDTR**Course Code**350001**

This course is designed to introduce students to career opportunities and related skills in the Education and Training career field, including teaching and professional educational training. Students will explore topics related to the foundation and history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities related to educational settings, learner development, and professional development. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Recommended Level: Grades 9-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

BEST PRACTICES IN EDUCATION AND TRAININGShort Name**BESTP ET**Course Code**350002**

This course is a continuation of the Introduction to Education and Training course and is the second course in a three course sequence. Students will further engage in topics related to instructional and assessment methods, including differentiation of instruction. Students will also develop active listening skills necessary for educators, and demonstrate positive feedback techniques. Students will gain skills related to planning for instruction, which will be utilized in the field experience (the third course in this sequence). Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Recommended Level: Grades 10-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

FIELD EXPERIENCE IN EDUCATION AND TRAININGShort Name**ET FIELD**Course Code**350010**

This course is a continuation of the Best Practices in Education and Training course and is the third course in a three course sequence. Through this capstone experience, students will apply previously developed knowledge and skills into a structured workplace experience. This volunteer experience may take place within a school environment for those seeking teaching careers, or within the business and industry community for those seeking careers in professional educational training. Goals are set cooperatively by students, their instructor, and respective supervising professionals. Opportunities may include experience teaching in a controlled setting by designing learning experiences and facilitating presentations. Students will focus on improving their instructional strategies through coaching from their teacher and supervising professionals. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization..

Recommended Level: Grades 10-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

EDUCATION AND TRAINING**EDUCATION AND TRAINING, OTHER**Short NameCourse Code**EDTR, OTH****359930**

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

EDUCATION AND TRAINING, OTHERShort NameCourse Code**EDTR, OTH****359931**

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

EDUCATION AND TRAINING, OTHERShort NameCourse Code**EDTR, OTH****359932**

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

COURSE CODES AND CLEARING ENDORSEMENTS	Page 61	Revised April 2017
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EDUCATION AND TRAINING

EDUCATION AND TRAINING, OTHER

Short Name

Course Code

EDTR, OTH

359933

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

EDUCATION AND TRAINING, OTHER

Short Name

Course Code

EDTR, OTH

359934

Courses not otherwise listed. Using codes 359930-359934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Education and Training

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

ENGLISH LANGUAGE ARTS**LANGUAGE ARTS/SKILLS**Short NameCourse Code**LANG ARTS****050001**

Subject matter and experience concerned with the knowledge, understanding and skills in the full range of language experiences, requiring oral, written and listening skills. Activities include most of the following:

Language and linguistics, English, composition,

Reading, literature, public media, speech,

Dramatic arts and journalism.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

READ AND WRITING

0511

READ AND WRITING

0521

READING SPECIALIST

0508

ENGLISH LANGUAGE ARTS

LINGUISTICS

Short NameCourse Code

LINGUISTS

050008

An introductory study of language such as, its nature, structure, varieties and history, including especially the sound system, grammatical system, vocabulary, word derivation and writing system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

BILINGUAL EDUCATION	0609
ENGLISH	0501
ENGLISH AS 2ND LANG	0605
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SPEECH	0506
SPEECH	0522
WORLD LANGUAGE	0699
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

COURSE CODES AND CLEARING ENDORSEMENTS	Page 64	Revised April 2017
ENGLISH LANGUAGE ARTS		

ENGLISH

Short Name

Course Code

ENGLISH

050011

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

SECONDARY ENGLISH

0512

ENGLISH I

Short Name

Course Code

ENG I

050021

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 9th grade students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

SECONDARY ENGLISH

0512

ENGLISH LANGUAGE ARTS**ENGLISH II**Short Name**ENG II**Course Code**050022**

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 10th grade students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

SECONDARY ENGLISH

0512

ENGLISH IIIShort Name**ENG III**Course Code**050023**

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 11th grade students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

SECONDARY ENGLISH

0512

COURSE CODES AND CLEARING ENDORSEMENTS	Page 66	Revised April 2017
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ENGLISH LANGUAGE ARTS

ENGLISH IV

Short Name

Course Code

ENG IV

050024

Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.

Generally appropriate for 12th grade students.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

SECONDARY ENGLISH

0512

ADVANCED PLACEMENT ENGLISH LANG/COMP

Short Name

Course Code

AP ENGCOMP

050050

An AP course in English Language and Composition engages students in becoming skilled readers of prose, written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. The purpose of this course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. This course should help students move beyond such programmatic responses as the five-paragraph essay that provides an introduction with a thesis and three reasons, body paragraph on each reason, and a conclusion that restates the thesis.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

ADVANCED PLACEMENT ENGLISH LIT/COMP

Short Name

Course Code

AP ENG LIT

050051

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Reading in an AP course is both wide and deep. This reading necessarily builds upon and complements the reading done in previous English courses so that by the time students complete their AP course, they will have read works from several genres and periods - from the 16th to the 21st century.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

ENGLISH LANGUAGE ARTS**IB LANGUAGE A - (ENGLISH)**Short NameCourse Code**IB ENG A****050052**

IB Language A (English) courses prepare students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors and written analyses of this literature in addition to other oral and written assignments. All course content is designed to improve students' accuracy and fluency in the English language.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

CREATIVE WRITING/COMPOSITIONShort NameCourse Code**WRITING****050100**

Learning experiences designed to develop knowledge, understanding, and skills involved in expressive uses of writing. Experiences include poetry, fiction and non-fiction used primarily to express the interests and emotions of the writer.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

READ AND WRITING

0511

READ AND WRITING

0521

ENGLISH LANGUAGE ARTS**READING**Short Name**READING**Course Code**050102**

Learning experiences designed to develop student skill in generating meaning from a variety of texts. Instruction typically emphasizes the continuous development of reading skills and processes appropriate for student needs and purposes for reading.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512
SPED EARLY CHLDHOOD	1916

LITERATURE, GENERALShort Name**LITERATURE**Course Code**050300**

The study of printed materials which have noteworthy content and excellence of style and which may be identified by country, type and/or period of time.

This code should also be used for such courses as:

Classical Literature

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817

COURSE CODES AND CLEARING ENDORSEMENTS	Page 69	Revised April 2017
ENGLISH LANGUAGE ARTS		

AMERICAN LITERATURE

Short Name

Course Code

AM LIT

050301

The study of printed materials which have noteworthy content and excellence of style and which are limited to those written by American authors (including Colonial period writers).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

BRITISH LITERATURE

Short Name

Course Code

BRIT LIT

050304

The study of printed materials which have noteworthy content and excellence of style and which are limited to those written by British authors.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

COURSE CODES AND CLEARING ENDORSEMENTS	Page 70	Revised April 2017
ENGLISH LANGUAGE ARTS		

LITERATURE, SPECIALIZED

Short Name

Course Code

LIT SPEC

050310

The study of printed materials which have noteworthy content and excellence of style and which are limited to specific periods of time, genre, author or subject matter, e.g., Science Fiction, 20th Century Novels, Mark Twain, Shakespeare, etc.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

ADVANCED PLACEMENT SPANISH LITERATURE

Short Name

Course Code

AP SPANLIT

050315

The AP Spanish literature course is designed to provide students with a learning experience equivalent to that of a third-year college course in Peninsular and Latin American literature. The course is designed to introduce students to the formal study of a representative body of Peninsular and Latin American literary texts.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

COURSE CODES AND CLEARING ENDORSEMENTS	Page 71	Revised April 2017
ENGLISH LANGUAGE ARTS		

JOURNALISM I

Short Name

Course Code

JOURN I

050401

This course introduces students to the concept of newsworthiness and press responsibility; develops students' skills in writing and editing stories, headlines, and captions; and teaches students the basis of production design, layout, and printing of a publication such as school newspapers, year books and literary magazines.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MEDIA EDUCATION	0510
JOURNALISM AND MEDIA EDUCATION	0520
MIDDLE GR/LANGUAGE ARTS	1817

JOURNALISM II

Short Name

Course Code

JOURN II

050402

This course provides students practice in advanced journalistic techniques and involves them in the formation and/or management of the production team. This course may include the production of a school newspaper, yearbook, or literary magazine and may include elements of photography, photojournalism, and exploration of opportunities for careers in journalism.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MEDIA EDUCATION	0510
JOURNALISM AND MEDIA EDUCATION	0520
MIDDLE GR/LANGUAGE ARTS	1817

ENGLISH LANGUAGE ARTS**RADIO/TV PRODUCTION**Short NameCourse Code**RADIO/TV****050404**

A study of broadcasting that includes its history, role in contemporary society, artistic dimensions, production techniques, principal genres, etc.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ENGLISH LANGUAGE ARTS	0502
JOURNALISM AND MEDIA EDUCATION	0510
JOURNALISM AND MEDIA EDUCATION	0520
THEATRE	0523
THEATRE	1204

SPEECH, BEGINNINGShort NameCourse Code**SPEECH BEG****050501**

An introductory course in oral communication. Emphasized are intra and inter- personal communication through activities in group discussion, audience analysis, speech organization and delivery.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522

ENGLISH LANGUAGE ARTS**SPEECH, ADVANCED**Short NameCourse Code**SPEECH AD****050502**

The second level of study in oral communication. In addition to further practice in public speaking, opportunities may be included to study and practice debates, communication theory and oral interpretation of literature.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

SPEECH

0506

SPEECH

0522

DEBATEShort NameCourse Code**DEBATE****050503**

The study of the application of forms of argument to test ideas or reach decisions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ENGLISH LANGUAGE ARTS

0502

SPEECH

0506

SPEECH

0522

COURSE CODES AND CLEARING ENDORSEMENTS	Page 74	Revised April 2017
ENGLISH LANGUAGE ARTS		

PERSONAL COMMUNICATION

Short Name

Course Code

PERS COMM

050505

The study and practice of the transitional nature of the communication act as it is affected by self-image, stereotypes, verbal and non-verbal feedback and/or communication barriers.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522

APPLIED COMMUNICATIONS

Short Name

Course Code

APPLD COMM

050506

A course designed to assist students in developing and refining job-related communication skills: reading, writing/composition, listening, speaking, problem-solving, thinking, visual and nonverbal skills, all interwoven in a manner that prepares students for the world of work outside the classroom. The course is designed to integrate the study of literature with skills needed in the workplace.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/BUSINESS ED	1812
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SECONDARY ENGLISH	0512

ENGLISH LANGUAGE ARTS**DRAMA, BEGINNING**Short NameCourse Code**DRAMA BEG****050600**

The study of a type of literature distinguished by plot, setting, theme and characters engaged in movement and dialogue. The main types and styles of dramatic literature usually studied are: tragedy, comedy, melodrama, farce, social drama of ideas, classical, romantic, realistic, impressionistic and expressionistic. Appreciation of the literary qualities may be enhanced by its being read as an artistic creation intended for performance on a stage.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SPEECH	0506
SPEECH	0522
THEATRE	0523
THEATRE	1204

DRAMA, ADVANCEDShort NameCourse Code**DRAMA ADV****050650**

The continued study of dramatic literature and styles of its presentation. May also include writing of such literature.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH LANGUAGE ARTS	0502
THEATRE	0523
THEATRE	1204

ENGLISH LANGUAGE ARTS

LANGUAGE ARTS-SOCIAL SCIENCE CORE

Short Name
LANG SOCSC

Course Code
050700

An integrated, interdisciplinary study of language arts, skills, literature, and social science - typically U.S. history. May also include components from such related areas of the humanities as art and music.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
HISTORY	1505
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

READING-MIDDLE GRADES/JUNIOR HIGH I

Short Name
READ MG I

Course Code
050800

This course includes experiences designed to help students expand, develop, and apply reading skills introduced in the elementary grades. This includes reading both for information and enjoyment.

Use this code for the first course in reading at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512

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ENGLISH LANGUAGE ARTS		

READING-MIDDLE GRADES/JUNIOR HIGH II

Short Name

Course Code

READ MG II

050801

This course includes experiences designed to help students expand, develop, and apply reading skills introduced in first level of middle grades reading. This includes reading both for information and enjoyment.

Use this code for the second course in reading at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512

LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH I

Short Name

Course Code

LANG MG I

050802

This course includes experiences that engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the elementary grades.

Use this code for the first course in language arts at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

ENGLISH LANGUAGE ARTS**LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH II**Short Name**LANG MG II**Course Code**050803**

This course includes experiences that continue to engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the first level of middle grades language arts.

Use this code for the second course in language arts at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

LANGUAGE ARTS-MIDDLE GRADES/JUNIOR HIGH IIIShort Name**LANG MGIII**Course Code**050804**

This course includes experiences that continue to engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the first and second level of middle grades language arts.

Use this code for the third course in language arts at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
SECONDARY ENGLISH	0512

COURSE CODES AND CLEARING ENDORSEMENTS	Page 79	Revised April 2017
ENGLISH LANGUAGE ARTS		

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059930

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Using codes 059930 through 059934 means you can add five "other" courses by using one code for each one of the five courses.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521
SECONDARY ENGLISH	0512

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059931

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

COURSE CODES AND CLEARING ENDORSEMENTS	Page 80	Revised April 2017
ENGLISH LANGUAGE ARTS		

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059932

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059933

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
READ AND WRITING	0511
READ AND WRITING	0521

COURSE CODES AND CLEARING ENDORSEMENTS	Page 81	Revised April 2017
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ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS, OTHER

Short Name

Course Code

ENG OTHER

059934

Include here other organized subject matter and experiences emphasized in English language arts which are not classifiable or listed above.

Course codes for Introduction to Media, Media Production I, and Media Production II are found within Communication & Information Systems located within Career Education course listings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

READ AND WRITING

0511

READ AND WRITING

0521

COURSE CODES AND CLEARING ENDORSEMENTS	Page 82	Revised April 2017
FINE ARTS (ART)		

ART I

Short Name

Course Code

ART I

020100

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

GENERAL ART

0201

MIDDLE GR/ART

1811

ART II

Short Name

Course Code

ART II

020200

A second course in Art. In-depth considerations of design and composition, with extended experiences in two and three dimensional work; may be in 9-week segments emphasizing, for example:

Drawing
Painting
Printmaking
Pottery/Ceramics
Sculpture
Photography

Further consideration of art appreciation, theory, and history may be included at this level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

MIDDLE GR/ART

1811

ART III

Short Name

Course Code

ART III

020300

An extension of the experiences provided in Art II with the opportunity for increasing specialization. Specialized courses in art appreciation, theory and history should be designated with this title.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

COURSE CODES AND CLEARING ENDORSEMENTS	Page 83	Revised April 2017
FINE ARTS (ART)		

ART IV

Short Name

Course Code

ART IV

020400

Independent, contract study.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

ADVANCED PLACEMENT STUDIO ART 2D

Short Name

Course Code

AP ART 2D

020500

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

ADVANCED PLACEMENT STUDIO ART 3D

Short Name

Course Code

AP ART 3D

020501

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

FINE ARTS (ART)**ADVANCED PLACEMENT STUDIO ART DRAW**Short Name**AP ART DR**Course Code**020502**

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART

0200

ADVANCED PLACEMENT ART HISTORYShort Name**AP ARTHIST**Course Code**020503**

The AP Art History course should engage students at the same level as an introductory college art history survey. Such a course involves critical thinking and should develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media.

It also provides an opportunity for schools to strengthen an area neglected in most curricula. In this course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art. Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART

0200

PHOTOGRAPHYShort Name**PHOTOGRAPH**Course Code**020600**

An introductory course dealing with the study of such topics as exposure, film types, filters, cameras, lenses, close-up photography, photomacrography, photomicrography, proof sheets, negatives, the darkroom, and basic techniques and skills of photography.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART

0200

MIDDLE GR/ART

1811

FINE ARTS (ART)**ART-MIDDLE GRADES/JUNIOR HIGH I**Short Name**ART MG I**Course Code**020800**

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the first course in art at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

ART-MIDDLE GRADES/JUNIOR HIGH IIShort Name**ART MG II**Course Code**020801**

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the second course in art at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

FINE ARTS (ART)**ART-MIDDLE GRADES/JUNIOR HIGH III**Short Name**ART MG III**Course Code**020802**

The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to the individual student, culture, history, and to other curricular areas.

Use this code for the third course in art at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

ART, OTHERShort Name**ART OTHER**Course Code**029930**

Programs or courses not otherwise listed or classifiable.

Using codes 029930 through 029934 means you can add five "other" courses by using one code for each of the five courses.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ART	0200
GENERAL ART	0201
MIDDLE GR/ART	1811

COURSE CODES AND CLEARING ENDORSEMENTS	Page 87	Revised April 2017
FINE ARTS (ART)		

ART, OTHER

Short Name

Course Code

ART OTHER

029931

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

GENERAL ART

0201

MIDDLE GR/ART

1811

ART, OTHER

Short Name

Course Code

ART OTHER

029932

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

GENERAL ART

0201

MIDDLE GR/ART

1811

COURSE CODES AND CLEARING ENDORSEMENTS	Page 88	Revised April 2017
FINE ARTS (ART)		

ART, OTHER

Short Name

Course Code

ART OTHER

029933

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

GENERAL ART

0201

MIDDLE GR/ART

1811

ART, OTHER

Short Name

Course Code

ART OTHER

029934

Programs or courses not otherwise listed or classifiable.

Course codes for Introduction to Digital Design, Intermediate Digital Design, and Advanced Digital Design are found within Career Education course listings under Communication & Information Systems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ART

0200

GENERAL ART

0201

MIDDLE GR/ART

1811

FINE ARTS (THEATRE)**INTRODUCTION TO THEATRE**Short NameCourse Code**THEATRE****220100**

Courses involving study of playwriting, dramatic literature, scenic design, acting, directing, and the supporting arts and crafts of the THEATRE and may include certain aspects of radio, TV, film, and other media. Generally, such study should be coupled with opportunities for the actual production of the various forms of theatre arts.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

THEATRE

0523

THEATRE

1204

COURSE CODES AND CLEARING ENDORSEMENTS**Page
90****Revised
April
2017****FINE ARTS (MUSIC)****MUSIC**Short NameCourse Code**MUSIC****120100**

Music designed for all students for general cultural development.

This code should also be used for:
General Music

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

VOCAL MUSIC

1203

VOCAL MUSICShort NameCourse Code**VOCALMUSIC****120400**

Learning experiences designed for vocal repertoire and vocal skills through solo and group performance in ensembles of students such as a choir, chorus and swing choir/show choir.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

MUSIC

1201

VOCAL MUSIC

1203

SMALL PERFORMING GROUPS/VOCALShort NameCourse Code**VOC GRPS****120450**

A vocal chamber group such as a trio, quartet, octet, and/or ensembles that offer opportunities not available in larger groups.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

MUSIC

1201

VOCAL MUSIC

1203

COURSE CODES AND CLEARING ENDORSEMENTS**Page
91****Revised
April
2017****FINE ARTS (MUSIC)****INSTRUMENTAL MUSIC**Short Name**INSTRMUSIC**Course Code**120500**

The study of instrumental music skills through solo and group performance in larger ensembles of students such as concert, marching, and jazz band, and full or string orchestra.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

SMALL PERFORMING GROUPS/INSTRUMENTALShort Name**INSTR GRPS**Course Code**120550**

An instrumental chamber group such as a trio, quartet, or quintet that offers opportunities not available in larger groups.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

INDIVIDUAL INSTRUCTION/VOCALShort Name**IND/VOC**Course Code**120600**

Instruction designed for developing skills and knowledge in vocal performance.

NOTE: No more than 10 instructional units may be counted for either vocal or instrumental individual instruction or any combination thereof.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

MUSIC

1201

VOCAL MUSIC

1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 92	Revised April 2017
FINE ARTS (MUSIC)		

INDIVIDUAL INSTRUCTION/INSTRUMENTAL

Short Name

Course Code

IND/INS

120650

Instruction designed for developing skill and knowledge in instrumental performance.

NOTE: No more than 10 instructional units may be counted for either vocal or instrumental individual instruction or any combination thereof.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

ADVANCED PLACEMENT MUSIC THEORY

Short Name

Course Code

AP MUSTHEO

120700

The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. In an AP Music Theory course, students should be required to read, notate, write, sing and listen to music.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

VOCAL MUSIC

1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 93	Revised April 2017
FINE ARTS (MUSIC)		

MUSIC, OTHER

Short Name

Course Code

MUSIC OTH

129930

Music courses not listed or classifiable under the above codes.

This code could be used for:

Music Literature, History
Music Appreciation
Music Theory

Using codes 129930 through 129934 means you can add five "other" courses by using one code for each one of the five courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

VOCAL MUSIC

1203

MUSIC, OTHER

Short Name

Course Code

MUSIC OTH

129931

Music courses not listed or classifiable under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

VOCAL MUSIC

1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 94	Revised April 2017
FINE ARTS (MUSIC)		

MUSIC, OTHER

Short Name

Course Code

MUSIC OTH

129932

Music courses not listed or classifiable under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

VOCAL MUSIC

1203

MUSIC, OTHER

Short Name

Course Code

MUSIC OTH

129933

Music courses not listed or classifiable under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

VOCAL MUSIC

1203

FINE ARTS (MUSIC)**MUSIC, OTHER**Short NameCourse Code**MUSIC OTH****129934**

Music courses not listed or classifiable under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INSTRUMENTAL MUSIC

1202

MUSIC

1201

VOCAL MUSIC

1203

HEALTH SCIENCES**EXPLORATION OF HEALTH SCIENCES**Short NameCourse Code**EXPLORE HS****077200**

Introduction to Health Science careers within the five pathways. This course may provide experiences along with information and knowledge related to the health care field.

Recommended Level: Middle/Junior High

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700

PLTW MEDICAL DETECTIVESShort NameCourse Code**PLTW MD****077201**

This course is taught at the middle school level. Medical Detectives (MD) explores the biomedical sciences through hands-on projects and labs that require students to solve a variety of medical mysteries. Students investigate medical careers, vital signs, diagnosis and treatment of diseases, as well as human body systems such as the nervous system. Genetic testing for hereditary diseases and DNA crime scene analysis put the students in the place of real life medical detectives.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grade 8

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES**HEALTH SCIENCES I**Short Name**HLTHSC I**Course Code**077300**

This course is designed to introduce students to career opportunities and related skills in the Health Science career field. Students will explore topics related to; health informatics, biotechnology research, therapeutic certificated services, behavioral health, life span performance and allied/public health. This course also focuses on cost and educational requirements of health science professions, ethical and legal responsibilities, the history and economics of health care.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES IIShort Name**HLTHSC II**Course Code**077301**

This course is a continuation of the Health Sciences I course and is the second course in a three course sequence. Instruction includes anatomy and physiology, medical terminology, medical ethics and law, diseases and disorders, positive and negative health and wellness behaviors, and basic first aid. Students will gain skills related to continuing in the health sciences career field, which will be utilized in the Project Based Learning experience (the third course in this sequence).

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization..

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES**HEALTH SCIENCES III**Short Name**HLTHSCIII**Course Code**077302**

This course is a continuation of Health Sciences I and Health Sciences II and is the third course in a three course sequence and has been designed for the student to explore a variety of health science careers or an in-depth study of a specific health science career. Course work would include work-based learning experiences, advanced career planning, and mentorship opportunities in the student's career interest. Using the Buck Institute for Education, Project Based Learning model, students will individually or as a group, engage in a school or community wide or a CTSO project based learning experience. This course can be designed as an independent study to better fit the needs of the student.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grade 12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

PERSONAL AND COMMUNITY MEDICAL ISSUES/PUBLIC HEALTHShort Name**MEDISSPH**Course Code**077303**

Students will gain an increased understanding of how their personal health is influenced by a wide range of biological, environmental, political, and societal factors, and will explore the numerous ways in which public health professionals are trained to promote and protect population health and well-being locally, regionally, at the national, as well as the global level. This course will engage students in critical conversations around how they can influence their own, as well their community's health outcomes through education and advocacy efforts. A variety of both acute and chronic diseases will be explored from a public health perspective.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES**EXPLORING THE CLINICAL LAB**Short Name**CLINLAB**Course Code**077304**

This course provides students with the art and science of the clinical laboratory. The class will explore the global range of career opportunities and traits available in the clinical lab. Students will job shadow in the community to gain real life clinical lab experience. Examination of legal and ethical issues will be covered throughout the class. Participants will have hands on practice with lab techniques, equipment, and record keeping relevant to medical, veterinary, dental, biotechnology, agricultural and food science and multiple other professions.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

NURSING ASSISTANT/CNAShort Name**NA/CNA**Course Code**077400**

This is a basic nursing knowledge and skills course for the nurse assistant in a health care setting. It meets the requirements of Public Law 100-203 OBRA and is approved by the Nebraska Department of Health. This course is required to be taught by a R.N. or B.S.N. in order for students to receive high school credit, arrangements need to be made to insure teaching certification. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

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HEALTH SCIENCES		

MEDICATION AIDE

Short Name

Course Code

MEDAIDE

077401

A course of instruction in which an individual receives training in administering medications, this course has minimum requirement of 40 hours and students must be 18 yrs of age in order to sit for the written exam administered by the state board of Health and Human Services. This course must be taught by an R.N. licensed in QMA. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

EMERGENCY MEDICAL TECHNICIAN/CERT

Short Name

Course Code

EMT/CERT

077402

This course is designed and based on the Department of Transportation's National Highway Safety Administrations Emergency Medical Technician National Education Standards for teaching basic emergency medical care and transportation of critical and emergent patients who access the emergency medical system. This course focuses on the basic knowledge and skills necessary to provide care and transportation in an emergency situation providing the link between the emergency scene to the emergency health care system. Students learn to perform interventions with the basic equipment typically found on an ambulance.

This must be taught by a State licensed Emergency Medical Services - Instructor. Students must complete course and successfully complete the National Registry of Emergency Medical Technician's certification examination in order to apply for a State EMT license. Students must have reached the age of 18 in order to sit for the exam. A cooperating Nebraska endorsed teacher must collaborate with this course if the EMS instructor does not have a postsecondary dual-credit or a career education teaching permit. This course may be available for dual credit at a postsecondary institution.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grade 11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES**PHARMACY TECHNICIAN**Short NameCourse Code**PHARM TECH****077444**

This course is an introduction to pharmacy technology professions. Employment opportunities and basic pre-pharmacy technician skills which may be utilized in either clinical and community settings such as retail, home health care and ambulatory care pharmacies. This course is recommended for students planning on pursuing careers which may require basic pharmaceutical knowledge, common health care mathematical applications and/or technical proficiency in the administration medications. After the completion of this course, students may be eligible to take the Pharmacy Technician Certification Exam (PTCE) through the Pharmacy Technician Certification Board (PTCB). This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Prerequisites for the course are Introduction to Health Sciences (077300) and Medical Terminology (077600).

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Career Cluster: Health Sciences

Endorsement NameEndorsement Number

BIOLOGY

1303

HEALTH SCIENCES

0700

SCIENCE

1301

PHLEBOTOMY TECHNICIANShort NameCourse Code**PHL TECH****077446**

This is a semester course designed to help the student become prepared for the phlebotomy technician certification exam upon completion of all required components. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY

1303

HEALTH SCIENCES

0700

SCIENCE

1301

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INTRODUCTION TO SPORTS MEDICINE

Short Name

Course Code

SPORTS MED

077500

This course is designed for students who may be interested in a career in Sports Medicine. This course should feature the prevention, recognition, treatment, and rehabilitation of activities caused by physical activity or athletics. Topics may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, medical terminology. Students may learn to measure cardio respiratory endurance, flexibility, body composition, and blood pressure. CPR/AED certification is a prerequisite for this course or a required outcome of the course. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

MEDICAL TERMINOLOGY

Short Name

Course Code

MED TERM

077600

This course is designed to help students learn medical language by analyzing their components. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES
EXERCISE SCIENCE
Short Name
Course Code
EXER SCI
077601

This course is appropriate for students wishing to pursue a career in personal training or for those who desire an introduction in the field of exercise science. The course will enable students to perform fitness assessments, according to current national guidelines and to use data to develop exercise and training routines, fitness plans and nutritional programs to fit the needs of clients. Successful completion of this course along with any other requirements may lead to a potential eligibility to take the Personal Trainer Exam through a certifying body. Leadership development activities of the career and technical student organization HOSA|Future Health Professionals is strongly encouraged. This course may be available for dual credit at a postsecondary institution. Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Prerequisites for this course are Introduction to Health Sciences (077300) and Anatomy/Physiology (130210).

Recommended Level: Grades 11 -12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name
Endorsement Number

BIOLOGY

1303

HEALTH & PHYS EDUC

2304

HEALTH EDUCATION

0801

HEALTH SCIENCES

0700

SCIENCE

1301

PERFORMANCE NUTRITION
Short Name
Course Code
SPORT NUTR
077701

This course is designed to give students an introduction to professional or support careers in the field of Performance and Sport Nutrition. This course includes instruction on the principles and science of basic nutrition; its relationship to individual health throughout the entire life cycle; how nutrients have an effect on personal health; how nutrients can both positively and negatively impact the human body before, during and after performance.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name
Endorsement Number

BIOLOGY

1303

FAMLY/CONSMR SCIENCE

0903

HEALTH & PHYS EDUC

2304

HEALTH EDUCATION

0801

HEALTH SCIENCES

0700

SCIENCE

1301

HEALTH SCIENCES**HUMAN LIFE CYCLE NUTRITION**Short Name**HULICY NUT**Course Code**077702**

This course is designed to give students an understanding of human nutrition and how it places a roll in every human life cycle. Every human age category and it's nutritional requirements for positive health and the impact of nutritional deficiencies will be studied.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

HEALTH & PHYS EDUC

2304

HEALTH SCIENCES

0700

SOCIAL SCIENCE

1501

HEALTH INFORMATION TECHNOLOGYShort Name**HIT**Course Code**077800**

Health Information Technology (HIT) is the management and use of information in Health Sciences related to, but not limited to, communications, legal & ethical implications, data management & organization, and technology applications. Completion of this course allows the student to obtain entry-level competencies defined by the American Health Information Management Association. These are nationally accepted standards of practitioner roles and function. This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HEALTH SCIENCES

0700

INFORMATION TECHNOLOGY

2701

HEALTH SCIENCES**BEHAVIORAL HEALTH I**Short NameCourse Code**BEHAV HE I****077801**

This is the first of two one a semester courses that establishes a foundation that is necessary to understand and investigate the field of Behavioral Health. Course emphasis is placed on teaching students to successfully investigate the Behavioral Health workforce structure and acquire awareness and knowledge of career area.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

HEALTH & PHYS EDUC

2304

HEALTH SCIENCES

0700

SOCIAL SCIENCE

1501

BEHAVIORAL HEALTH IIShort NameCourse Code**BEHAV HEII****077802**

Student must have completed Behavioral Health I in order to take this course. Course establishes a foundation that is necessary to understand and investigate the field of Behavioral Health. Course emphasis is placed on teaching students to successfully investigate the Behavioral Health workforce structure and acquire awareness and knowledge of career area.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

HEALTH & PHYS EDUC

2304

HEALTH SCIENCES

0700

SOCIAL SCIENCE

1501

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PLTW PRINCIPLES OF BIOMEDICAL SCIENCE I

Short Name

Course Code

PLTW BMD I

077803

This is the first of two courses. Students must complete this course in order to take Biomedical Science II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 9-10

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

PLTW PRINCIPLES OF BIOMEDICAL SCIENCE II

Short Name

Course Code

PLTW BMDII

077804

This is the second of two courses. Students must complete Biomedical Science I in order to take this class. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 9-10

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

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HEALTH SCIENCES		

PLTW HUMAN BODY SYSTEMS

Short Name

Course Code

PLTW HBS I

077805

This is the first of two courses. Students must complete in order to take Human Body Systems II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 10-11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

PLTW HUMAN BODY SYSTEMS II

Short Name

Course Code

PLTW HBSII

077806

This is the second of two courses. Student must complete Human Body Systems I in order to take this course. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 10-11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

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PLTW MEDICAL INTERVENTIONS I

Short Name

Course Code

PLTW MI I

077807

This is the first of two courses. Students must take this course in order to take Medical Interventions II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 10-11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

PLTW MEDICAL INTERVENTIONS II

Short Name

Course Code

PLTW MI II

077808

This is the second of two courses. Students must have taken Medical Interventions I in order to take this course. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 10-11

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

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PLTW BIOMEDICAL INNOVATION I

Short Name

Course Code

PLTW BMI I

077809

This is the first of two courses. Student must take this course in order to take Biomedical Innovation II. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In this capstone course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gain from previous courses to design innovation solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 12

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

PLTW BIOMEDICAL INNOVATION II

Short Name

Course Code

PLTW BMII

077810

This is the second of two courses. Student must have taken Biomedical Innovation I in order to take this class. Due to the nature of PLTW project based course design this yearlong course is divided into two semesters for course coding and reporting. It is up to the teacher discretion where semester break occurs in individual classrooms.

In this capstone course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gain from previous courses to design innovation solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. Classroom and laboratory activities are supplemented through health science experiences and leadership programs and activities.

Teacher/Instructor is required to successfully complete PLTW teacher professional development in order to teach this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Recommended Level: Grades 12

Career Cluster: Health Sciences

Endorsement Name

Endorsement Number

BIOLOGY

1303

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

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HEALTH SCIENCES

HEALTH INFORMATION MANAGEMENT AND ETHICS

Short Name

HE ITMA ET

Course Code

077812

This course establishes a foundation that is necessary to understand and investigate the field of Health Information Management and Ethics. Legal relationships of physicians and patients, management of communications, contractual agreements, professional liability, malpractice, medical practice acts, and biotechnical issues will be covered with emphasis placed on legal terms, professional attitudes, and the principles of basic concepts of ethics involved in providing medical services.

This course may be available for dual credit at a postsecondary institution.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization..

Recommended Level: Grades 10-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

HEALTH SCIENCES

0700

SOCIAL SCIENCE

1501

ALLIED HEALTH AND MEDICINE

Short Name

ALL HEALTH

Course Code

077900

This class will give student practical application at a clinical site or simulated experience. These experiences can occur in a variety of locations included classroom/lab and availability of community resources as determined by the instructor. The experiences should be designed to enhance and supplement the students' knowledge and skill in allied health. The class also includes research for a professional career of interest documented by a professional portfolio.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska HOSA/Future Health Professionals, Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

HEALTH & PHYS EDUC

2304

HEALTH EDUCATION

0801

HEALTH SCIENCES

0700

SCIENCE

1301

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HEALTH SCIENCES, OTHER

Short Name

Course Code

HS OTHER

077930

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES, OTHER

Short Name

Course Code

HS OTHER

077931

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

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2017****HEALTH SCIENCES****HEALTH SCIENCES, OTHER**Short NameCourse Code**HS OTHER****077932**

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES, OTHERShort NameCourse Code**HS OTHER****077932**

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY	1303
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HEALTH SCIENCES**HEALTH SCIENCES, OTHER**Short NameCourse Code**HS OTHER****077934**

Health Sciences courses not listed or classifiable under the above codes, including independent study courses. This would include classes designated for preparation for a specific pathway in Therapeutic Services, Diagnostic Services, Health Information, Health Support Services, Health Sciences, and/or Health Care Sciences. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Health Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

BIOLOGY	1303
FAMILY/CONSUMER SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
HEALTH SCIENCES	0700
SCIENCE	1301

HOSPITALITY AND TOURISM**HOSPITALITY AND TOURISM**Short NameCourse Code**HOSP TOUR****370010**

Hospitality and Tourism provides the student with an understanding of one of the largest industries in the world. Specific applications include the evolution of the industry, food and beverage, lodging, international and domestic travel, business operations, and hospitality and tourism career exploration.

Recommended Level: Grades 9-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSUMER SCIENCE

0903

CULINARY SKILLS 1Short NameCourse Code**CULINARY1****370021**

This course is designed to provide students with curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills, food safety and sanitation, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE

0903

CULINARY SKILLS 2Short NameCourse Code**CULINARY2****370022**

This course is designed to provide students with an advanced curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration. ServSafe Certification may be available at this level through the National Restaurant Association Educational Foundation.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS	Page 115	Revised April 2017
HOSPITALITY AND TOURISM		

PROSTART 1

Short Name

Course Code

PROSTART1

370030

This foundational course is an industry-driven curriculum delivered by the National Restaurant Association that prepares students for careers in the restaurant and foodservice management industry. This course will focus on the following topics: career paths, safety and sanitation, industry standards, food methods and techniques, food service management, and customer services.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

PROSTART 2

Short Name

Course Code

PROSTART2

370031

This course is designed to provide students with an industry-driven curriculum delivered by the National Restaurant Association providing real-life opportunities and the application of practical skills encompassing culinary techniques and management skills.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

HOSPITALITY AND TOURISM, OTHER

Short Name

Course Code

HOSPOTH

379930

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSUMER SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS	Page 116	Revised April 2017
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HOSPITALITY AND TOURISM

HOSPITALITY AND TOURISM, OTHER

Short Name

Course Code

HOSPTOTH

379931

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSMR SCIENCE

0903

HOSPITALITY AND TOURISM, OTHER

Short Name

Course Code

HOSPTOTH

379932

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSMR SCIENCE

0903

HOSPITALITY AND TOURISM, OTHER

Short Name

Course Code

HOSPTOTH

379933

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the give courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSMR SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS	Page 117	Revised April 2017
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HOSPITALITY AND TOURISM

HOSPITALITY AND TOURISM, OTHER

Short Name

Course Code

HOSPTOTH

379934

Courses not otherwise listed. Using codes 379930 through 379934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska DECA, FBLA, FCCLA and SkillsUSA Career Student Organizations.

Recommended Level: Grades 7-12

Career Cluster: Hospitality and Tourism

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BUSINESS, MARKETING, INFO TECH

0304

FAMILY/CONSUMER SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS**Page
118****Revised
April
2017****HUMAN SERVICES/FACS****FAMILY AND CONSUMER SCIENCES 6**Short Name
FACS 6Course Code
090005

This is a course designed with the introductory concepts of Family and Consumer Sciences in mind. Students will develop their knowledge of family living, decision making, nutrition, and consumer practices.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

FAMILY AND CONSUMER SCIENCES 7Short Name
FACS 7Course Code
090006

This intermediate course is designed to extend learning of Family and Consumer Sciences concepts. Student will develop their knowledge of family living, decision making, nutrition and wellness, independent living, and consumer practices.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

FAMILY AND CONSUMER SCIENCES 8Short Name
FACS 8Course Code
090007

This Family and Consumer Sciences advanced course will develop students' knowledge and skills in areas of relationships, family living, team work and conflict management, nutrition and wellness, consumer practices, and independent living.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Middle/Junior High

Career Cluster: Human Sciences and Education/Family and Consumer Sciences

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSUMER SCIENCE	0903
MIDDLE GR/FAMILY & CONSUMER	1813

HUMAN SERVICES/FACS**INTRODUCTION TO HUMAN SCIENCE/FACS**Short NameCourse Code**INT HUMAN****090101**

This course is intended to enable students to have a broad scope of experiences that will provide an overview and fundamental knowledge and essential skills of Human Science with a foundation of, but not limited to family and consumer sciences. Students will explore career possibilities and develop a personal learning plan. Students will practice basic life and career readiness skills and learn to apply them to personal life situations.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level - Grades 9 -10

Career Cluster - Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE

0903

TEXTILE CONSTRUCTIONShort NameCourse Code**TEXTILES****090103**

This course provides instruction in social, psychological and historical aspects of clothing and textiles. Textile and apparel design, selection, construction, maintenance and alteration of textile products will be analyzed and taught. This course integrates knowledge, skills, and practices required for careers in textiles and scientific research.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE

0903

LIFE AND CAREER READINESSShort NameCourse Code**L/C READI****090104**

This course is designed to help students learn to manage issues in everyday living, prepare for personal life and career responsibilities and develop employability skills. Participation in this course provides a catalyst to greater self-awareness, enhanced relationships, improved cultural competencies and increased control over choosing direction for one's own life and career.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grade 9-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS	Page 120	Revised April 2017
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HUMAN SERVICES/FACS

FUNDAMENTALS OF FOOD AND NUTRITION

Short Name

Course Code

NUTRI FOOD

090107

This course is designed to provide students with the base foundation knowledge of food selection and preparation needed to successfully fuel the human body through consumption of food and resulting food energy. With a beginning foundation of nutrition, students will learn basic preparation skills and the short-term and long-term wellness consequences as a result of nutritional intake, and exposure to careers related to the food industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

HOME DESIGN AND INTERIORS

Short Name

Course Code

HOUSING

090109

This course provides instruction in the physical, physiological and social influences of housing styles and options; exterior and interior design; selection, use and care of home furnishings and equipment; use of available resources for achieving improved living space to meet individual and family needs; and exposure to careers related to housing and interior design.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

FOOD SCIENCE

Short Name

Course Code

FOOD SCI

090113

Instruction which provides students with an understanding of the food science industry, food packaging/labeling, sensory evaluation of foods, marketing food products, constituents of foods, nutritive aspects of food constituents, operation of food industry, food microbiology, food processing and food science applications, and, exposure to careers related to food science.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA and FFA Career Student Organizations.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

AGRICULTURE

0100

FAMILY/CONSUMER SCIENCE

0903

HUMAN SERVICES/FACS**INTERPERSONAL RELATIONSHIPS**Short NameCourse Code**RELATION****090116**

The course includes the study of interpersonal relationships and the effect of these relationships on the well-being of individuals, families, work and society. The course includes concepts such as effective communication, establishing and maintaining relationships, diverse family systems, characteristics of personal development and the impact of relationships on personal and career success.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE

0903

PARENTS AND FAMILIESShort NameCourse Code**PARENTING****090117**

Students will evaluate the effects of parenting roles and responsibilities on the well-being of individuals and families. In this course students will explain the following: influences on parenting, decisions to parent, support services for parents, positive actions to support the physical, emotional, intellectual, and social development of family members, parenting theories, and family adjustment to parenthood.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE

0903

CHILD DEVELOPMENTShort NameCourse Code**CHILD DEV****090119**

This course integrates knowledge, skills and practices necessary for nurturing the growth and development of children. The study of the physical, emotional, social, and intellectual aspects related to prenatal through age 12 will be studied in addition to the positive and negative factors that impact child growth and development.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSUMER SCIENCE

0903

HUMAN SERVICES/FACS**EARLY CHILDHOOD EDUCATION AND SERVICES**Short NameCourse Code**EARLY CHD****090121**

In this course students will explore education and community resources available for the education and necessary services of young children. Students will be exposed to educational needs and resources as well as begin the development of lesson plans and lesson plan components for the education of young children as well as the career skills necessary for a career in early childhood education and services.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

EARLY CHILDHOOD PRACTICUMShort NameCourse Code**CHILD PRAC****090122**

This course is designed to provide students a hands-on early childhood education experience. Course time is used as an interactive learning environment in which students are actively teaching young children. Students will compile their information toward an employment portfolio.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

HUMAN GROWTH AND DEVELOPMENTShort NameCourse Code**HUMAN GROW****090123**

This course explores the physical, emotional, social, and intellectual development of individuals across the lifespan. External impacts on development including family structure and practices, social and technological forces, and resources available to individuals and their outcomes will be explored.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS	Page 123	Revised April 2017
HUMAN SERVICES/FACS		

NUTRITION

Short Name

Course Code

NUTRITION

090124

In this course, students develop a deeper understanding of nutrition concepts including reading food labels, analyzing dieting practices including eating disorders, impacts on food consumption and food choices, as well as the role of government nutrition programs.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

DIETETICS

Short Name

Course Code

DIETETICS

090125

Students apply advanced nutritional concepts to specific lifestyle requirements including athletic nutritional needs and needs across the lifespan. Students will evaluate nutrition and wellness practices and suggest improvement plans based on current USDA recommendations and socioeconomic impacts on eating. In this course, students will assess career options and employment skills required to be in the food and nutrition industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

INTRODUCTION TO DESIGN PRINCIPLES

Short Name

Course Code

INT DESIGN

090126

Students explore the definition and application of elements and principles of design in both living spaces and clothing and textiles. In this course, students will also evaluate the use of elements and principles and suggest improvements. Students are also exposed to career opportunities and the skills necessary for these career fields.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 9-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

HUMAN SERVICES/FACS**FAMILIES IN CRISIS**Short NameCourse Code**FAM CRISIS****090127**

In this course students identify positive and negative impacts on families including stress, changes in the family life cycle, grief and loss, and mental health disorders. Students will compare and contrast counseling services needed to support families and the types of services available to address conflict and abuse.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

CAREERS IN MENTAL HEALTHShort NameCourse Code**CAREER MTL****090128**

Students will explore the career skills and educational requirements of the variety of careers available that relate to counseling and mental health. Students will examine mental health services and resources in depth and may obtain Mental Health First Aid certification.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

FASHION DESIGNShort NameCourse Code**FASHION****090206**

Fashion Design explores the evolving field of the clothing we wear and why we wear it. Students will examine fashion design through historical and current frameworks, consider the process of a design from concept to consumer purchase, and identify key components of fashion pieces that distinguish it from others.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 10-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMLY/CONSMR SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS	Page 125	Revised April 2017
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HUMAN SERVICES/FACS

THE BUSINESS OF TEXTILES

Short Name

Course Code

AD TEXTILE

090207

This course will bring together the parts of knowledge that emphasizes the textiles and bio-fibers, textile production and issues concerning the global textile industry. Students will be required to demonstrate that they can combine concepts to build new ideas for new situations. This course is designed for students interested in careers in the areas but not limited to sales, research or management in the textile industry.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

LEADERSHIP AND ETHICS IN HUMAN SERVICES

Short Name

Course Code

LEADER HS

090208

This course is designed to provide a background of leadership styles and information on the necessary leadership skills including collaboration, ethics and teamwork. The course is assessed with a real-life opportunity to demonstrate one's own leadership style through a practical, personal experience.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: 9-12 grade

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

CONSUMER ECONOMICS

Short Name

Course Code

CONECON

090209

Study directly focuses on students learning the life readiness skills needed to evaluate and implement best management practices related to human, economic and environmental resources. This course of study includes personal and family financial literacy, consumer mathematics and life/work literacy that contribute to the overall wellness and functionality of today's individual.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 11-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSUMER SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTSPage
126Revised
April
2017**HUMAN SERVICES/FACS****HUMAN SERVICES/FACS, OTHER**Short NameCourse Code**HSR OTH****099930**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

HUMAN SERVICES/FACS, OTHERShort NameCourse Code**HSR OTH****099931**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

HUMAN SERVICES/FACS, OTHERShort NameCourse Code**HSR OTH****099932**

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS	Page 127	Revised April 2017
HUMAN SERVICES/FACS		

HUMAN SERVICES/FACS, OTHER

Short Name

Course Code

HSR OTH

099933

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

HUMAN SERVICES/FACS, OTHER

Short Name

Course Code

HSR OTH

099934

Human Services and Resources courses not otherwise listed or classified. May include Technology and Living and Home Management and other courses with content in Family and Consumer Sciences; Human Services; Education and Training; Law, Public Safety and Security, and/or Government and Public Administration. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Recommended Level: Grades 7-12

Career Cluster: Human Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

FAMILY/CONSMR SCIENCE

0903

COURSE CODES AND CLEARING ENDORSEMENTS	Page 128	Revised April 2017
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LAW, PUBLIC SAFETY AND SECURITY
--

FOUNDATIONS OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

Short Name

Course Code

LAW

390010

An exploration of the five pathways of this career cluster: correction services, emergency and fire management services, law enforcement services, legal services and security and protective services, including exposure to careers within all pathways.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

INTRODUCTION TO CRIMINAL JUSTICE

Short Name

Course Code

INCRIM JST

390015

An overview of the history, development and philosophies for crime control and the role of law enforcement within a democratic society. Topics would include an examination of the criminal justice system with an emphasis on the police, the courts (prosecution and defense) and the correctional agencies, and exposure to careers related to criminal justice.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

Other Endorsement

8888

INTRODUCTION TO FIRE & EMERGENCY SERVICES

Short Name

Course Code

FIRE SERV

390020

An introduction to fire prevention and control including the chemistry of combustion, factors that influence fire and safety procedures. May also introduce students to the organization and regulations of fire departments, emergency medical procedures and fire investigation techniques.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

LAW, PUBLIC SAFETY AND SECURITY**COURTS & JUDICIAL PROCESS**Short NameCourse Code**COURTS****390025**

Examines legal aspects of investigative and arrest as well as rule governing the admissibility of evidence in court. It focuses primarily on police and correctional due process, application of the law, and civil liability concerns. Topics include search and seizure, arrest and interrogation, revocation and probation and parole, probable cause and other timely issues.

Recommended Level: Grades 10-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number**

Other Endorsement

8888

POLICE AND SOCIETYShort NameCourse Code**POLICE****390026**

This course examines the role of the police in relationship to law enforcement and American society. Topics include, but are not limited to the role and function of police, the nature of police organizations and police work, and the patterns of police-community relations.

Recommended Level: Grades 9-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number**

OTHER ENDORSEMENT

8888

LAW, PUBLIC SAFETY AND SECURITY, OTHERShort NameCourse Code**LPSS OTHER****399930**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number**

Other Endorsement

8888

LAW, PUBLIC SAFETY AND SECURITY**LAW, PUBLIC SAFETY AND SECURITY, OTHER**Short NameCourse Code**LPSS OTHER****399931**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

LAW, PUBLIC SAFETY AND SECURITY, OTHERShort NameCourse Code**LPSS OTHER****399932**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

Other Endorsement

8888

LAW, PUBLIC SAFETY AND SECURITY, OTHERShort NameCourse Code**LPSS OTHER****399933**

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

COURSE CODES AND CLEARING ENDORSEMENTS	Page 131	Revised April 2017
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LAW, PUBLIC SAFETY AND SECURITY
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LAW, PUBLIC SAFETY AND SECURITY, OTHER	<u>Short Name</u>	<u>Course Code</u>
	LPSS OTHER	399934

Courses not otherwise listed. Using codes 399930 through 399934 means you can add five "other" courses by using one code for each one of the five courses. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Law, Public Safety and Security

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
Other Endorsement	8888

COURSE CODES AND CLEARING ENDORSEMENTS	Page 132	Revised April 2017
MATHEMATICS		

ARITHMETIC

Short Name Course Code
ARITHMETIC **110201**

That group of elementary rules and principles giving the existing relationships between, and methods of computing with, numbers. Courses should be designed to develop the skills and habits associated with understanding the number processes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

PRE-ALGEBRA

Short Name Course Code
ALGEBRAPRE **110299**

This course includes the four basic operations and properties on the real numbers with emphasis on integers, solutions of one and two step equations, and creation of functional tables and graphing linear pairs.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

ALGEBRA, BEGINNING

Short Name Course Code
ALGEBRA BE **110300**

An organization of mathematics subject matter concerned primarily with introductory study of properties of number systems (real number, complex numbers). Topics studied include algebraic expressions and symbols, operations of reals (addition, multiplication, inverse operations), binomials, absolute values, proofs, and functions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

COURSE CODES AND CLEARING ENDORSEMENTS	Page 133	Revised April 2017
MATHEMATICS		

ALGEBRA, ADVANCED

Short Name Course Code
ALGEBRA AD **110306**

An organization of mathematics subject matter concerned primarily with intermediate and advanced study of properties of number systems (real numbers, complex numbers). Topics studied include graphing in two and three dimensions, set notations, polynomials, exponential notion and operations with exponents, upper and lower bounds, continued sums, matrices, vectors, limits, continuous functions, complex number, combinations, and permutations.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

APPLIED MATHEMATICS I

Short Name Course Code
APPLDMATHI **110501**

This course includes concepts found in general mathematics and beginning algebra with emphasis on problems and lab experiences which have everyday relevance. Concepts include using ratio and proportion, powers and roots, and formulas to solve problems.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

APPLIED MATHEMATICS II

Short Name Course Code
APP MATHII **110502**

This course includes concepts found in first-year algebra with emphasis on problems and lab experiences which have everyday relevance. Concepts include using linear and nonlinear equations, graphing, factoring, function, quadratics, systems of equations and inequalities to solve problems.

Upon prior completion of a year of appropriate beginning algebra concepts and upon completion of all algebra units in Applied Mathematics II, algebra credit can be given.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

COURSE CODES AND CLEARING ENDORSEMENTS	Page 134	Revised April 2017
MATHEMATICS		

APPLIED MATHEMATICS III

Short Name

Course Code

APPMATHIII

110503

This course includes concepts found in first year geometry with emphasis on exploring basic relationship through informal proofs and making conjectures by utilizing manipulatives, geometry tools and technology, and applying geometry to real world situations throughout the course. Concepts include the study of lines and angles, right triangle relationships, shapes in two and three dimensions, logic, coordinate geometry, transformations and spatial visualization.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

CALCULUS

Short Name

Course Code

CALCULUS

110600

The study of two fundamental limits, called the derivative and the integral, and their evaluation by means of a function of algebra called "the Calculus".

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

ADVANCED PLACEMENT CALCULUS AB

Short Name

Course Code

AP CALC AB

110620

The purpose of this course is to introduce students to the major concepts of Calculus which includes the analysis of graphs, limits of functions, derivatives, and integrals.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 135	Revised April 2017
MATHEMATICS		

ADVANCED PLACEMENT CALCULUS BC

Short Name Course Code
AP CALC BC **110621**

This course includes Calculus AB topics with the addition of parametric, polar and vector functions and their derivatives, applications of integrals, polynomial approximations and series.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

COLLEGE TECHNICAL MATHEMATICS

Short Name Course Code
COTECHMATH **110622**

This is a dual-credit course offered by Nebraska Community Colleges for students to develop math sciences required in career/technical fields. This course includes a review of arithmetic operations, exponents, algebraic operations and right triangle trigonometry with emphasis on placed applications.

Recommended Level: Grades 11-12

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

IB MATHEMATICAL STUDIES

Short Name Course Code
IB MATH ST **110623**

IB Mathematical Studies courses prepare students to take the International Baccalaureate Mathematical Studies exam at the Subsidiary or Higher level. Intended to provide students with the skills to cope with the mathematical demands of a technological society. Course topics include linear, quadratic, and exponential functions, solutions, and graphs; skills in computation, estimation, and development of algorithms; data analysis, including collection, calculation, and presentation of statistics; set operations and logic; business techniques, including progressions and linear programming; and geometry and trigonometry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 136	Revised April 2017
MATHEMATICS		

IB MATHEMATICS

Short Name

Course Code

IB MATH

110624

IB Mathematics courses prepare students to take the International Baccalaureate Mathematics exams at the Subsidiary or Higher level. Topics include operations and properties of number sets; trigonometric functions, equations, and graphs; algebra and coordinate geometry; simultaneous linear equations; polynomial and quadratic functions and equations; calculus, including bilinear, exponential and logarithmic functions; two dimensional vectors and matrices; and probability.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

IB FURTHER MATHEMATICS-SL

Short Name

Course Code

IB MATH SL

110625

IB Further Mathematics-SL courses prepare students to take the International Baccalaureate Further Mathematics at the Subsidiary level. Designed to advance students' knowledge of IB mathematics-HL. Course topics include geometry; statistics and probability; sets, relations and groups; series and differential equations; and discrete mathematics.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

IB MATHEMATICS & COMPUTUING-SL

Short Name

Course Code

IB MATH CP

110626

IB Mathematics and Computing-SL courses prepare students to take the International Baccalaureate Mathematics and Computing exam at the Subsidiary level. Designed to give students a working knowledge of a high level programming language and sound mathematical training. Course topics include operations and properties of number sets; trigonometric functions, equations, and graphs; algebra and coordinate geometry, including simultaneous linear equations, binomial theorem, and polynomial and quadratic functions and equations; calculus; vectors and matrices; and numerical analysis. The course also contains components on computer problem solving and programming; topics regarding computer hardware, software, modes of operation, and data types and structures.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INFORMATION TECHNOLOGY

2701

MATHEMATICS

1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 137	Revised April 2017
MATHEMATICS		

MATHEMATICS, GENERAL

Short Name

Course Code

GEN MATH

111100

A course that provides students a comprehensive review of basic mathematical skills. Students have opportunity to apply the math concepts to business, consumer and money management situations.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

GEOMETRY

Short Name

Course Code

GEOMETRY

111200

The branch of mathematics concerned with geometric figures in the plane and in space. Geometry emphasizes the use of logic in establishing proofs.

This code should also be used for geometry courses such as:

Analytical

Plane

Plane and Solid

Solid

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

PRE CALCULUS (INTRODUCTION TO ANALYSIS)

Short Name

Course Code

PRE CALC

111300

An integrated body of selected aspects of algebra, trigonometry and analytic geometry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

COURSE CODES AND CLEARING ENDORSEMENTS	Page 138	Revised April 2017
MATHEMATICS		

TRIGONOMETRY

Short Name

Course Code

TRIG

111600

The study of trigonometric ratios and circular functions.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

STATISTICS/PROBABILITY

Short Name

Course Code

STATISTICS

111700

The study of data analysis involving sampling, organization and interpretation of data. The study of probability through experimental and theoretical approaches.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

FINITE/DISCRETE MATHEMATICS

Short Name

Course Code

FINITE

111701

The topics included in the finite mathematics are linear programming, game theory, Markov processes and probability. The discrete mathematics would include topics like graph and networks, combinations and counting, Boolean algebra, Pascal's triangle, the pigeonhole principle and iterative methods for solving equations.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

COURSE CODES AND CLEARING ENDORSEMENTSPage
139Revised
April
2017**MATHEMATICS****ADVANCED PLACEMENT STATISTICS**Short NameCourse Code**AP STATS****111720**

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- * Exploring Data: Describing patterns and departures from patterns
- * Sampling and Experimentation: Planning and conducting a study
- * Anticipating Patterns: Exploring random phenomena using probability and simulation
- * Statistical Inference: Estimating population parameters and testing hypotheses

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

MATHEMATICS

1100

BUSINESS MATHShort NameCourse Code**BUSNS MATH****111800**

This course is designed to prepare students for various life roles by offering multiple opportunities to develop and use mathematical skills. Computational skills are essential for citizens, consumers, wage earners, employers, investors, and entrepreneurs. The objectives of this course are to improve computational skills and apply them to personal business situations. Areas of study include mathematical problems dealing with interest, percentages, loans, installment buying, insurance, savings and investments, depreciation, markup and markdown, payroll, taxes, real estate and retirement.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

MATHEMATICS-MIDDLE GRADES/JR HIGH IShort NameCourse Code**MATH MG I****112800**

This course includes experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the first course in mathematics at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

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MATHEMATICS		

MATHEMATICS-MIDDLE GRADES/JR HIGH II

Short Name

Course Code

MATH MG II

112801

This course provides experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the second course in mathematics at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

MATHEMATICS-MIDDLE GRADES/JR HIGH III

Short Name

Course Code

MATH MGIII

112802

This course provides experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

Use this code for the third course in mathematics at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

MATH, OTHER

Short Name

Course Code

MATH OTHER

119930

Mathematics courses not listed or classified under the above codes.

Using codes 119930 through 119934 means you can add five "other" courses by using one code for each one of the five courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

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MATHEMATICS

MATH, OTHER

<u>Short Name</u>	<u>Course Code</u>
MATH OTHER	119931

Mathematics courses not listed or classified under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

MATH, OTHER

<u>Short Name</u>	<u>Course Code</u>
MATH OTHER	119932

Mathematics courses not listed or classified under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

MATH, OTHER

<u>Short Name</u>	<u>Course Code</u>
MATH OTHER	119933

Mathematics courses not listed or classified under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818

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MATHEMATICS

MATH, OTHER

Short Name

Course Code

MATH OTHER

119934

Mathematics courses not listed or classified under the above codes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

PERSONAL DEVELOPMENT**ADOLESCENT DEVELOPMENT**Short NameCourse Code**ADOLE DEV****260200**

A course which focuses on helping adolescents better understand the aspects (social, emotional, physical, intellectual) of their own developmental stage. Topics such as self-concept; building self-esteem, establishing and maintaining positive relationships and communications with peers and adults; and assuming responsibility and independence would be included. The Skills for Adolescence/Quest program is one example of this course. If the course is focused more specifically towards the disciplines of family and consumer sciences, health, or social science, it should be included in the other category for that discipline.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

Other Endorsement

8888

STUDY SKILLSShort NameCourse Code**STUDYSKILL****260300**

Learning experiences which develop skills necessary to locate, interpret, understand and use information. Topics included are such reading skills as surveying, skimming, scanning and SQ3R. Additionally, alphabetizing, summarizing, paraphrasing, outlining, note-taking and test-taking skills may be included, as may library, research, and time management skills.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

OTHER ENDORSEMENT

8888

LIBRARY MEDIA SKILLSShort NameCourse Code**LIBR SKILL****260400**

Course designed to provide students with information and basic skills in using the resources of library media centers to locate, evaluate, and retrieve information. May include instruction in safe, efficient, and proper use of the Internet.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

SCHOOL LIBRARIAN

2508

PERSONAL HEALTH & PHYSICAL FITNESS**HEALTH I**Short NameCourse Code**HEALTH I****080100**

Learning activities concerning health to achieve desirable knowledge, understanding, attitudes and practices related to personal, family and community health issues.

This code should also be used for such courses as:

- First Aid
- HIV/AIDS Education
- Drug Education
- Other Health

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

HEALTH IIShort NameCourse Code**HEALTH II****080101**

An advanced course with current health trends and issues as its central focus, with direction to:

- a) Consumer Health/Protection
- b) Family Life Education
- c) Health Planning
- d) Health Careers
- e) Health Services

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801

PERSONAL HEALTH & PHYSICAL FITNESS**HEALTH, SPECIALIZED****Short Name
HEALTHSPEC****Course Code
080105**

A specialized course with healthful living as its central focus primarily directed to:

- a) a safe and healthful school environment
- b) world health issues past, present, future
- c) the role of nutrition, exercise, and stress management to total physical well being.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/HEALTH & PE	1815

FAMILY HEALTH**Short Name
FAM HEALTH****Course Code
080106**

Instruction related to establishing and maintaining a lifestyle which promotes personal fitness, family health and related consumer skills. May include an examination of all aspects of health (physical, social, emotional and mental), nutrition and fitness (including weight control), substance use and abuse, home safety, and family life education (including death and dying).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
FAMILY/CONSMR SCIENCE	0903
HEALTH & PHYS EDUC	2304
HEALTH EDUCATION	0801
MIDDLE GR/FAMILY & CONSUMER	1813
MIDDLE GR/HEALTH & PE	1815

COURSE CODES AND CLEARING ENDORSEMENTS	Page 146	Revised April 2017
PERSONAL HEALTH & PHYSICAL FITNESS		

FOUNDATIONS FOR PHYSICAL EDUCATION AND FITNESS

Short Name

PE HS

Course Code

080107

This course will introduce students to the foundations of physical fitness and equip them with the knowledge and skills necessary to design a fitness program. This includes: (1) assessing their personal fitness levels; (2) creating a plan for improvement; (3) setting physical activity and fitness goals; (4) participating in a variety of physical activities (e.g. weight training, aerobics, individual and team sports, and swimming); and (5) using current technology, (e.g. activity trackers, heart rate monitors, pedometers, and computerized fitness assessment programs).

This course is recommended in grades 9 and 10 as a prerequisite for all other physical education courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

BEGINNING SWIMMING

Short Name

BEG SWIM

Course Code

080108

This course is designed for the beginner/non-swimmer and includes survival skills, basic drown proofing techniques, stroke introduction, and aquatic activities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 147	Revised April 2017
PERSONAL HEALTH & PHYSICAL FITNESS		

INTERMEDIATE SWIMMING

Short Name

Course Code

INT SWIM

080109

This course is designed for the intermediate swimmer and includes basic swimming strokes, water safety skills, and other aquatic activities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

FITNESS SWIMMING & AQUATIC ACTIVITIES

Short Name

Course Code

AD AQUATIC

080110

This course is designed for the advanced swimmer and includes the benefits of fitness swimming and its impact on lifetime health. Students will learn advanced techniques and fitness concepts to integrate into individualized aquatic fitness programs.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC

2304

PHYSICAL EDUCATION

0802

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PERSONAL HEALTH & PHYSICAL FITNESS		

INTRODUCTION TO STRENGTH & CONDITIONING

Short Name

Course Code

INTRO S&C

080111

This course is designed for the beginning weight training student and focuses on the development of knowledge and skills utilizing free weights or resistance machines. It includes proper lifting techniques, spotting methods, weight room safety, and workout routines.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

INTERMEDIATE STRENGTH & CONDITIONING

Short Name

Course Code

INTER S&C

080112

This course is designed for the intermediate weight training student. It builds on Introduction to Strength and Conditioning by applying basic strength principles and concepts of proper lifting techniques, spotting methods, weight room safety, and workout routines to the intermediate weight training student. The principles of training (progression, overload, specificity, regularity and individuality) are incorporated into this course.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

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PERSONAL HEALTH & PHYSICAL FITNESS

ADVANCED STRENGTH & CONDITIONING

Short Name

Course Code

ADV S&C

080113

This course is designed for the advanced weight training student. It includes advanced lifting techniques and conditioning programs that students will design and integrate into their own individualized strength programs.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

AEROBIC TRAINING

Short Name

Course Code

AEROBIC

080114

This course is designed to introduce students to the skills necessary to perform cardiovascular activities, flexibility and muscular endurance exercises. Students will participate in a wide variety of aerobic activities including (but not limited to) resistance training, cross fit exercises, low-impact aerobic training, and flexibility exercises and activities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

PERSONAL HEALTH & PHYSICAL FITNESS**ADVANCED AEROBIC TRAINING**Short Name**AD AEROBIC**Course Code**080115**

This course is designed to build on Aerobic Training. Students will participate in a wide variety of aerobic activities and resistance training activities while developing an understanding of the variance between high impact and low impact exercises.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

INTRODUCTION TO DANCEShort Name**INTRODANCE**Course Code**080116**

This course is designed to provide students opportunities to develop skills and knowledge in a variety of dance forms. Students will participate in dance-related activities as ways to learn about and through dance.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

PERSONAL HEALTH & PHYSICAL FITNESS**HIP-HOP DANCE**Short NameCourse Code**HH DANCE****080117**

This course is designed to provide students opportunities to develop skills and knowledge in hip-hop dance. Students will participate in a variety of dance styles, including breaking, locking, and popping, performed to hip-hop music.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

BALLROOM DANCEShort NameCourse Code**BALLROOM****080118**

This course is designed to provide students opportunities to develop skills and knowledge in ballroom dance. Students will participate in social dances performed in more formal settings.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

PERSONAL HEALTH & PHYSICAL FITNESS**DANCE PERFORMANCE**Short NameCourse Code**DANCE PERF****080119**

This course is designed to provide students opportunities to develop skills and knowledge in dance choreography. Students will learn combinations to improve their strength and body awareness, while focusing greater attention toward accuracy and timing of steps.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

LIFETIME ACTIVITIESShort NameCourse Code**LIFE ACTIV****080120**

This course includes basic skills, knowledge and strategies of lifetime activities that contribute to a healthy, active adult lifestyle. Students will participate in a variety of lone, duo, and group lifetime activities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

PERSONAL HEALTH & PHYSICAL FITNESS**TEAM GAMES**Short NameCourse Code**TEAM GAMES****080121**

This course is designed to teach a variety of rules, skills, fundamentals, and strategies in multiple team activities. The content will promote a healthy, active lifestyle while emphasizing safety, sportsmanship, and teamwork.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

OUTDOOR PURSUITSShort NameCourse Code**OUTDOOR****080122**

This course will provide knowledge and skills in a variety of outdoor activities. The content is designed to promote a healthy, active lifestyle in the outdoors while emphasizing safety techniques, teamwork, communication skills, problem-solving skills, physical challenge, and adventure.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

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PERSONAL HEALTH & PHYSICAL FITNESS		

LIFEGUARD TRAINING & WATER SAFETY INSTRUCTION AIDE	<u>Short Name</u> LIFEGUARD	<u>Course Code</u> 080123
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This course is based on American Red Cross Lifeguarding requirements. Provides entry-level participants the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide care for breathing and cardiac emergencies, injuries and sudden illnesses until EMS personnel take over.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

SPORT OFFICIATING	<u>Short Name</u> SPORT OFF	<u>Course Code</u> 080124
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This course is designed to offer students the coursework and experience to officiate in a variety of major sports including, but not limited to, basketball, football, volleyball, baseball/softball, and soccer.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

PERSONAL HEALTH & PHYSICAL FITNESS**PHYSICAL EDUCATION ELEMENTARY**Short Name**PE ELEM**Course Code**080125**

This course is designed to provide students with opportunities to demonstrate competence in fundamental motor skills and selected combinations of skills; use basic movement concepts in rhythmic activities, tumbling and small-sided practice tasks; identify basic health-related fitness concepts; exhibit acceptance of self and others in physical activities; and identify the benefits of a physically active lifestyle.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

PHYSICAL EDUCATION MIDDLE SCHOOLShort Name**PE MS**Course Code**080126**

This course is designed to provide students with opportunities to apply tactics and strategies to modified game play, demonstrate fundamental motor skills in a variety of contexts, design and implement a health-enhancing fitness program, participate in self-selected physical activity, cooperate with and encourage classmates, accept individual differences and demonstrate inclusive behaviors, and engage in physical activity for enjoyment and self-expression.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 156	Revised April 2017
PERSONAL HEALTH & PHYSICAL FITNESS		

PHYSICAL EDUCATION, OTHER

Short Name

Course Code

PHYSED OTH

089930

A specialized course which focuses on a specific set of skills such as:

Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

PHYSICAL EDUCATION, OTHER

Short Name

Course Code

PHYSED OTH

089931

A specialized course which focuses on a specific set of skills such as:

Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HEALTH & PHYS EDUC

2304

MIDDLE GR/HEALTH & PE

1815

PHYSICAL EDUCATION

0802

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PERSONAL HEALTH & PHYSICAL FITNESS		

PHYSICAL EDUCATION, OTHER

<u>Short Name</u>	<u>Course Code</u>
PHYSED OTH	089932

A specialized course which focuses on a specific set of skills such as:
Scuba Diving, Ballet, Trap Shooting, Taekwondo

Using codes 089930 through 089932 means you can add three "other" courses by using one code for each one of the three courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HEALTH & PHYS EDUC	2304
MIDDLE GR/HEALTH & PE	1815
PHYSICAL EDUCATION	0802

COURSE CODES AND CLEARING ENDORSEMENTS	Page 158	Revised April 2017
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SCIENCE

BIOLOGY

Short Name

Course Code

BIOLOGY

130201

The study of the cell, molecular basis of heredity, biological evolution, interdependence of organisms, matter, energy and organization in living systems, and behavior of organisms. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

MIDDLE GR/NATURAL SCIENCES

1819

SCIENCE

1301

BIOLOGY-ADVANCED STUDIES

Short Name

Course Code

BIOLOGYADV

130202

A continuation of the topics and concepts of Biology, with Biology as a prerequisite. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

ANATOMY and PHYSIOLOGY

Short Name

Course Code

ANAT/PHYS

130210

The branch of Biology that relates to the structure and relationship between body parts and the relationship between the function of body parts and the body as a whole.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 159	Revised April 2017
SCIENCE		

IB BIOLOGY

Short Name

Course Code

IB BIOLOGY

130211

IB Biology courses prepare students to take the International Baccalaureate Biology exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Biology promotes understanding of the facts, principles, and concepts underlying the biological field; critical analysis, evaluation, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of biology and scientific advances in biology upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes study of living organisms from the cellular level through functioning entities within the biosphere. Laboratory experimentation is an essential component of these courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

BOTANY

Short Name

Course Code

BOTANY

130212

Botany courses provide students with an understanding of plants and their relationship to the environment. Topics of exploration may include: life cycles, taxonomy, plant genetics, plant physiology, and ecology.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

GENETICS

Short Name

Course Code

GENETICS

130213

Courses in genetics provide students with an understanding of general concepts concerning genes, heredity, and variation of organisms. Course topics typically include chromosomes, the structure of DNA and RNA molecules, and dominant and recessive inheritance. Additional topics may include: lethal alleles, epistasis and hypostasis, and polygenic inheritance.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 160	Revised April 2017
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SCIENCE

MICROBIOLOGY

Short Name

Course Code

MICRO BIOL

130214

Microbiology courses provide students with a general understanding of microbes, prokaryotic, and eukaryotic cells. Topics of exploration may include classification of microorganisms; cellular structure and function; metabolic diversity; microbial genetics; control of microbial growth; microbial ecology, biotechnology and applied microbiology; and host-microbe interactions. Additional topics may include the impact microorganisms have on health, agriculture, biotechnology and the environment.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

ZOOLOGY

Short Name

Course Code

ZOOLOGY

130215

Zoology courses provide students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

CONCEPTUAL BIOLOGY

Short Name

Course Code

CNCPT BIOL

130216

These courses provide students with a basic understanding of living things. Topics covered may include ecology and environmental problems such as overpopulation and pollution as well as cells, types of organisms, evolutionary behavior, and inheritance.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

MIDDLE GR/NATURAL SCIENCES

1819

SCIENCE

1301

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SCIENCE		

PARTICULAR TOPICS IN BIOLOGY

Short Name

Course Code

TOPIC BIOL

130217

Particular Topics in Biology courses concentrate on a particular subtopic within the field of biology (such as virology, cell biology, human genetics, and so on) that is not otherwise described within this classification system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

BIOLOGY - OTHER

Short Name

Course Code

BIOL OTHER

130218

Biology courses not otherwise listed or classified.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

SCIENCE

1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 162	Revised April 2017
SCIENCE		

PHYSICAL SCIENCE

Short Name

Course Code

PHYSIC SCI

130300

Study of the major topics, concepts, processes and interrelationship of basic chemistry and physics. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

CHEMISTRY

Short Name

Course Code

CHEM

130301

The study of the structure of atoms, structure and properties of matter, and chemical reactions. Student should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

CHEMISTRY	1307
SCIENCE	1301

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SCIENCE		

CHEMISTRY-ADVANCED STUDIES

Short Name

Course Code

CHEM ADV

130302

A continuation of topics covered in Chemistry, with Chemistry as a prerequisite. Topics explored may include: organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

CHEMISTRY

1307

SCIENCE

1301

PHYSICS

Short Name

Course Code

PHYSICS

130303

The study of motions and forces, conservation of energy and increase in disorder, and interactions of energy and matter. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

PHYSICS

1308

SCIENCE

1301

PRINCIPLES OF TECHNOLOGY I (SCIENCE)

Short Name

Course Code

PRTEC SCI

130304

Principles of Technology (Science) is an applied physics course designed to prepare students more effectively for technical careers. This course includes instruction and application of principles of physics such as force transformers, power, energy, resistance, rate, work, force, momentum, waves and vibrations, energy convertors, transducers, radiating optical systems, and time certificate with clear constants. Application of the principles is conducted in a laboratory setting which demonstrates the use of these principles by workers in technical occupations.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

PHYSICS

1308

SCIENCE

1301

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SCIENCE		

PRINCIPLES OF TECHNOLOGY II (SCIENCE)

Short Name

Course Code

PRTEC SCII

130306

A continuation of the topics and concepts in Principles of Technology I, with Principles of Technology I as a prerequisite.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

PHYSICS

1308

SCIENCE

1301

PHYSICS-ADVANCED STUDIES

Short Name

Course Code

PHYS ADV

130307

Usually taken after a comprehensive initial study of physics, Physics-Advanced Studies courses provide instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

PHYSICS

1308

SCIENCE

1301

IB CHEMISTRY

Short Name

Course Code

IB CHEM

130308

IB Chemistry courses prepare students to take the International Baccalaureate Chemistry exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Chemistry promotes understanding of the facts, patterns, and principles underlying the field of chemistry; critical analysis, evaluation, prediction, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of chemistry and scientific advances in chemistry upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the materials of the environment, their properties, and their interaction. Laboratory experimentation is an essential part of these courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

CHEMISTRY

1307

SCIENCE

1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 165	Revised April 2017
SCIENCE		

CONCEPTUAL CHEMISTRY

<u>Short Name</u>	<u>Course Code</u>
CNCPT CHEM	130309

Conceptual Chemistry courses are practical, non-quantitative chemistry courses designed for students who desire an understanding of chemical concepts and applications.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

PARTICULAR TOPICS IN CHEMISTRY

<u>Short Name</u>	<u>Course Code</u>
PTOP CHEM	130310

Particular Topics in Chemistry courses concentrate on a particular subtopic within the field of chemistry (such as chromatography and spectrometry) that is not otherwise described in this classification system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

CHEMISTRY - OTHER

<u>Short Name</u>	<u>Course Code</u>
CHEM OTHER	130311

Chemistry courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
CHEMISTRY	1307
SCIENCE	1301

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SCIENCE

ASTRONOMY

Short Name

Course Code

ASTRON

130312

Astronomy courses introduce students to the basic laws of motion and gravity, the concepts of modern astronomy, and the methods scientists use to explore the universe. Additional topics of exploration may include: the solar system, the sun and stars, the Milky Way and other galaxies, and origins of the universe.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARTH AND SPACE SCIENCE

1305

SCIENCE

1301

EARTH AND SPACE SCIENCE

Short Name

Course Code

ES SCIENCE

130313

Earth and Space Science courses introduce student to the study of the earth from a local and global perspective. Common topics of exploration include: time zones, latitude and longitude, atmosphere, geosphere, weather, climate, and matter and energy transfer.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARTH AND SPACE SCIENCE

1305

SCIENCE

1301

PARTICULAR TOPICS IN EARTH SCIENCE

Short Name

Course Code

PTOP ESCI

130314

Particular Topics in Earth Science courses concentrate on a particular subtopic within the field of earth science (such as meteorology, natural disasters, physical geology, and others) that is not otherwise described in this course code system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARTH AND SPACE SCIENCE

1305

SCIENCE

1301

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SCIENCE		

EARTH SCIENCE - OTHER

<u>Short Name</u>	<u>Course Code</u>
ESCI OTHER	130315

Earth Science courses not otherwise listed or classified.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

MARINE SCIENCE

<u>Short Name</u>	<u>Course Code</u>
MARINE SCI	130316

Marine Science courses focus on the content, features, and possibilities of the earth's oceans. They explore marine organisms, conditions, and ecology. Additional topics may include: marine mining, farming, and exploration.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
EARTH AND SPACE SCIENCE	1305
SCIENCE	1301

SCIENCE**FORENSIC SCIENCE**Short NameCourse Code**FORENSIC****130317**

Forensic Science courses incorporate Biology, Chemistry, Physics, Earth Science disciplines and the process of science to the study of crimes. Topics of exploration may include: processing a crime scene, collecting and preserving evidence, physical evidence, organic and inorganic analysis of evidence, trace evidence, toxicology, arson and explosion investigations, serology, DNA, fingerprints, firearms, and document analysis.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BIOLOGY

1303

CHEMISTRY

1307

EARTH AND SPACE SCIENCE

1305

PHYSICS

1308

SCIENCE

1301

GEOSCIENCEShort NameCourse Code**GEO SCI****130415**

The study of energy in the earth systems, geochemical cycles, and origin and evolution of the earth system and universe. Students should develop the ability to think and act in ways associated with scientific inquiry.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

EARTH AND SPACE SCIENCE

1305

MIDDLE GR/NATURAL SCIENCES

1819

SCIENCE

1301

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SCIENCE

IB PHYSICS

Short Name

Course Code

IB PHYSICS

130416

IB Physics courses prepare students to take the International Baccalaureate Physics exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Physics promotes understanding of the facts, patterns, and principles underlying the field of physics; critical analysis, prediction, and application of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of scientific advances in physics upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the fundamental laws of nature and the interaction between concepts of matter, fields, waves, and energy. Laboratory experimentation is essential; calculus may be used in some courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

PHYSICS

1308

SCIENCE

1301

CONCEPTUAL PHYSICS

Short Name

Course Code

CNCPT PHYS

130417

Conceptual Physics courses introduce students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and nonliving matter. The courses emphasize precise measurements and descriptive analysis of experimental results. Topics covered may include energy and motion, electricity, magnetism, heat, the structure of matter, and how matter reacts to materials and forces.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/NATURAL SCIENCES

1819

PHYSICS

1308

SCIENCE

1301

PARTICULAR TOPICS IN PHYSICS

Short Name

Course Code

PTOPIC PHY

130418

Particular Topics in Physics courses concentrate on a particular subtopic within the field of physics (such as optics, thermodynamics, quantum physics, and so on) that is not otherwise described in this course code system.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

PHYSICS

1308

SCIENCE

1301

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SCIENCE		

PHYSICS - OTHER

<u>Short Name</u>	<u>Course Code</u>
PHYS OTHER	130419

Physic courses not otherwise listed or classified.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PHYSICS	1308
SCIENCE	1301

INTEGRATED SCIENCE-PHYSICAL SCIENCE

<u>Short Name</u>	<u>Course Code</u>
INTEG SCI	130420

The content of Integrated Science--Physical Science allows students to continue to develop their understanding of the core ideas in the physical, life, and earth and space sciences learned in middle school. These ideas include the most fundamental concepts from chemistry, physics, biology, and Earth and space science and are intended to leave room for expanded study in upper-level high school courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

SCIENCE**APPLIED BIOLOGY/CHEMISTRY**Short NameCourse Code**APPL BCHEM****130421**

Applied Biology/Chemistry courses integrate biology and chemistry into a unified domain of study and present the resulting body of knowledge in the context of work, home, society, and the environment, emphasizing field and laboratory activities. Topics include natural resources, water, air and other gases, nutrition, disease and wellness, plant growth and reproduction, life processes, microorganisms, synthetic materials, waste and waste management, and the community of life.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BIOLOGY	1303
CHEMISTRY	1307
MIDDLE GR/NATURAL SCIENCES	1819
SCIENCE	1301

INTEGRATED SCIENCE-BIOLOGYShort NameCourse Code**IS BIOLOGY****130422**

The content of Integrated Science--Biology allows students to continue to develop their understanding of the core ideas in the physical, life, and earth and space sciences with a focus on biology and closely related Earth science concepts. The content is intended to leave room for expanded study in upper-level high school courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

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SCIENCE		

INTEGRATED SCIENCE-CHEMISTRY

Short Name

Course Code

IS CHEM

130423

The content of Integrated Science--Chemistry allows students to fully develop their understanding of the core ideas in the physical, life, and Earth and space sciences. These ideas include the more complex concepts from chemistry, physics, biology, and Earth and space science but are intended to leave room for expanded study in advanced high school courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

INDEPENDENT STUDY

Short Name

Course Code

IND STUDY

130424

Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other rigorous science courses or may serve as an opportunity for students to explore a topic of special interest.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
PHYSICS	1308
SCIENCE	1301

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SCIENCE		

SCIENCE-MIDDLE GRADES/JR HIGH I

Short Name

Course Code

SCI MG I

130801

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the first course in science at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

SCIENCE-MIDDLE GRADES/JR HIGH II

Short Name

Course Code

SCI MG II

130802

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the second course in science at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

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SCIENCE		

SCIENCE-MIDDLE GRADES/JR HIGH III

Short Name

Course Code

SCI MG III

130803

The study of topics from the biological, physical, and earth sciences. Learning experiences involve students in observing, exploring, discovering and experimenting for purposes of achieving understanding of how scientists work and what they know about the universe.

Use this code for the third course in science at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
CHEMISTRY	1307
EARTH AND SPACE SCIENCE	1305
MIDDLE GR/NATURAL SCIENCES	1819
PHYSICS	1308
SCIENCE	1301

ADVANCED PLACEMENT BIOLOGY

Short Name

Course Code

AP BIOLOGY

135000

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. AP Biology should include those topics regularly covered in a college biology course for majors. The college course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students, and the time and effort required of students. The textbooks used for AP Biology should be those used by the college biology majors. The kinds of labs done by AP students must be the equivalent of those done by college students. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
SCIENCE	1301

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175****Revised
April
2017****SCIENCE****ADVANCED PLACEMENT CHEMISTRY**Short Name**AP CHEM**Course Code**135010**

The AP Chemistry course should be the equivalent of the general chemistry course usually taken during the first college year. Students should attain understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should develop the students' abilities to think clearly and express their ideas, orally & in writing, with clarity & logic. The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of lab work done. Quantitative differences appear in the number of topics treated, the time spent on the course, and the nature and the variety of experiments done in the lab. Secondary schools that wish to offer an AP Chemistry course must be prepared to provide a lab experience equivalent to a typical college course.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

CHEMISTRY

1307

SCIENCE

1301

ADVANCED PLACEMENT PHYSICSShort Name**AP PHYSICS**Course Code**135020**

AP Physics courses are intended to be representative of courses commonly offered in college and universities, but they do not necessarily correspond precisely to courses at any particular institution. The aim of an AP secondary school course in physics should be to develop the students' ability to do the following: 1) read, understand and interpret physical information - verbal, mathematical and graphical, 2) describe and explain the sequence of steps in the analysis of a particular physical phenomenon or problem, 3) use basic mathematical in a physical situation or problem, and 4) perform experiments and interpret the results of observations, including making an assessment of experimental uncertainties. In the achievement of these goals, concentration on basic principles of physics and their applications through careful and selective treatment of well-chosen areas is more important than superficial and encyclopedic coverage of many detailed topics.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

PHYSICS

1308

SCIENCE

1301

ADVANCED PLACEMENT PHYSICS 1: ALGEBRA-BASEDShort Name**APPHYSICS1**Course Code**135021**

This course is an introductory college level, algebra-based, physics course and provides the foundation for future coursework in physics. Subjects such as Newtonian mechanics, (including rotational motion); work, energy and power; and other areas are covered. Instruction is based upon the Six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries. Twenty five percent of the instructional time is spent in a lab doing inquiry based investigations.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

SCIENCE

1301

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ADVANCED PLACEMENT PHYSICS 2: ALGEBRA-BASED

Short Name

Course Code

APPHYSICS2

135022

This college level course explores additional upper level topics in physics, through inquiry based learning. The topics include but are not limited to fluid statics and dynamics; thermodynamics with kinetic theory, PV diagrams and probability; electrostatics; electric circuits with capacitors; magnetic fields; electromagnetism; quantum, atomic and nuclear physics. Twenty five percent of the instructional time is based in a lab with an emphasis on inquiry based investigations.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

SCIENCE

1301

SCIENCE, OTHER

Short Name

Course Code

SCI OTHER

139930

Science courses not otherwise listed or classifiable.

Using codes 139930 through 139934 means you can add five "other" courses by using one code for each one of the five courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY

1303

CHEMISTRY

1307

EARTH AND SPACE SCIENCE

1305

MIDDLE GR/NATURAL SCIENCES

1819

PHYSICS

1308

SCIENCE

1301

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SKILLED AND TECHNICAL SCIENCES

INTRODUCTION TO THE BUILT ENVIRONMENT

Short Name

Course Code

INTBLD ENV

100100

This course provides the skills and technical knowledge for a beginning student in areas of industry, safety, material, equipment and process understanding. The student will develop awareness construction, design, and manufacturing areas. This course serves as an introductory course to material processing and drafting.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction and Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

PRINCIPLES OF CONSTRUCTION TECHNOLOGY

Short Name

Course Code

PRIN CONST

100110

This course provides an overview of the total construction process. Students will develop problem-solving and critical-thinking skills by identifying the relationship between resources and requirements of a project/problem to accomplish realistic planning.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

ADVANCED CONSTRUCTION TECHNOLOGY

Short Name

Course Code

ADV CONST

100120

This course is designed for the student pursuing a career as a construction professional. Technical skills are combined with planning and management topics to prepare the student for all stages of a project. This course explores opportunities and career pathways within the residential, commercial, and industrial sectors, and walks the student through the planning, execution, and reporting of a project.

Recommended Level: Grades 11-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

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SKILLED AND TECHNICAL SCIENCES

INTRODUCTION TO ARCHITECTURE AND CONSTRUCTION	<u>Short Name</u> ARCH/CONST	<u>Course Code</u> 100130
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This course builds the skills necessary to understand what is being communicated through drawings and documents, and in turn, convey ideas, duties, and tasks to others in a form representing the industry. Students will use and follow industry specific verbal and visual skills to accomplish workplace/jobsite communications. Students will also integrate structural systems, environmental systems, safety systems, building envelope systems, and building service systems to design modern buildings. Students will review traditional project phases and various roles within them to plan for and implement phases within a project. Students will develop preliminary drawings in computer generated plans that will be used in design and pre-construction. Computer-aided drafting/design (CADD) may be used.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
SKILLED & TECHNICAL SCIENCE ED	1700

COMPUTER AIDED DRAFTING	<u>Short Name</u> CAD	<u>Course Code</u> 100140
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This course provides students with a broad introduction into Computer-Aided-Drafting (CAD). With hands-on exercises, assignments and projects, students gain the capability to use CAD to model projects and create and distribute industry-standard drawings.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
SKILLED & TECHNICAL SCIENCE ED	1700

APPLICATIONS IN DESIGN AND PRE-CONSTRUCTION	<u>Short Name</u> APPDESIGN	<u>Course Code</u> 100141
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In this class, the students will create residential architectural working drawings, using CAD, necessary for a standard building permit. With hands-on exercises, assignments and projects, students gain the capability to use CAD to model a house project and create and distribute industry-standard drawings.

Recommended Level: Grades 11-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
SKILLED & TECHNICAL SCIENCE ED	1700

SKILLED AND TECHNICAL SCIENCES**PLTW PRINCIPLES OF ENGINEERING**Short NameCourse Code**PLTW P/ENG****100160**

Principles of Engineering (POE) is a Project Lead The Way survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have the opportunity to investigate engineering and high tech career. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

MATHEMATICS

1100

PHYSICS

1308

SCIENCE

1301

SKILLED & TECHNICAL SCIENCE ED

1700

PLTW INTRODUCTION TO ENGINEERING DESIGNShort NameCourse Code**PLTW ENG****100161**

This course encourages students to use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve any problems, even outside of the classroom. Students use sophisticated three-dimension modeling software to communicate the details of these products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

MATHEMATICS

1100

PHYSICS

1308

SCIENCE

1301

SKILLED & TECHNICAL SCIENCE ED

1700

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SKILLED AND TECHNICAL SCIENCES

PLTW CIVIL ENGINEERING AND ARCHITECTURE

Short Name

Course Code

PLTW CIVIL

100162

Civil Engineering and Architecture is a Project Lead The Way course that includes the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

MATHEMATICS

1100

PHYSICS

1308

SCIENCE

1301

SKILLED & TECHNICAL SCIENCE ED

1700

PLTW ENGINEERING DESIGN AND DEVELOPMENT

Short Name

Course Code

PLTW ENG D

100163

Engineering Design and Development (EDD) is the capstone course in in the Project Lead The Way high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: 10-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARTH AND SPACE SCIENCE

1305

INDUSTRIAL TECH EDUCATION

1000

MATHEMATICS

1100

PHYSICS

1308

SCIENCE

1301

SKILLED & TECHNICAL SCIENCE ED

1700

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SKILLED AND TECHNICAL SCIENCES		

PLTW AEROSPACE ENGINEERING

Short Name

Course Code

PLTW AERO

100164

Aerospace Engineering (AE) is a Project Lead The Way course that includes the study of the engineering discipline which develops new technologies for use in aviation, defense systems, and space exploration. The course explores the evolution of flight, flight fundamentals, navigation and control, aerospace materials, propulsion, space travel, orbital mechanics, ergonomics, remotely operated systems and related careers. In addition the course presents alternative applications for aerospace engineering concepts.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCE ED	1700

PLTW BIOTECHNICAL ENGINEERING

Short Name

Course Code

PLTW BIO

100165

Biotechnical Engineering (BE) is a Project Lead The Way course designed to expose students to the diverse fields of biotechnology including biomedical engineering, biomolecular genetics, bioprocess engineering, and agricultural and environmental engineering. Lessons engage students in engineering design problems that can be accomplished in a high school setting related to biomechanics, cardiovascular engineering, genetic engineering, agricultural biotechnology tissue engineering, biomedical devices, human interface, bioprocesses, forensics, and bio-ethics. Students in this course will apply biological and engineering concepts to design materials and processes that directly measure, repair, improve, and extending living systems.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BIOLOGY	1303
INDUSTRIAL TECH EDUCATION	1000
MATHEMATICS	1100
PHYSICS	1308
SCIENCE	1301
SKILLED & TECHNICAL SCIENCE ED	1700

SKILLED AND TECHNICAL SCIENCES**INTRODUCTION TO ELECTRONICS**Short Name**INT ELECT**Course Code**100401**

Electronics – Comprehensive courses provide a survey of the theory, terminology, equipment, and practical experience in the skills needed for careers in the electronic field as well as typically cover the theory of electricity. Course topics may include AC, DC, analog, and integrated circuitry and solid state and digital devices, amplifiers, and semiconductors. Skills covered involve the repair, maintenance, and building of electronic equipment such as radios, television sets, and industrial equipment.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

ADVANCED ELECTRONICSShort Name**ADV ELECT**Course Code**100402**

Advanced electronics theory and application. Circuitry diagnostics and the application and design of circuits using the principals of analog and digital electronics will be used.

Recommended Level: Grades 10-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

SKILLED AND TECHNICAL SCIENCES**PLTW DIGITAL ELECTRONICS**Short NameCourse Code**PLTW DIG****100403**

Digital Electronics (DE) is a Project Lead The Way course designed for the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 10-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

MATHEMATICS

1100

PHYSICS

1308

SCIENCE

1301

SKILLED & TECHNICAL SCIENCE ED

1700

ELECTRICITYShort NameCourse Code**ELECTRIC****100405**

Comprehensive courses provide an overview of the theory, terminology, tools, and practical experience in the skills needed for a career in the electrical field. This course typically includes circuitry, safety, and the National Electrical Code. This course covers skills that are involved in building circuits, wiring residential, and commercial and/or industrial buildings. Installing lighting, power circuits, cables and estimating job costs may be included.

Recommended Level: Grades 9-12

Career Cluster: Architecture and Construction

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

SKILLED AND TECHNICAL SCIENCES**ENERGY EXPLORATION**Short NameCourse Code**ENERGY****100406**

Energy is essential to all aspects of society. This course will provide a unique approach to understanding energy and learning about the many, varied career opportunities in this field. Students enrolled in this course will engage in the study of energy basics and fundamentals, the production and delivery of energy, and energy responsibilities and decisions.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

ENERGY GENERATION AND DISTRIBUTIONShort NameCourse Code**ENGENDIST****100407**

Introduction course covering the history of electric and fluid power in the U.S. including deregulation, private and public utilities, and methods of commercial power generation including fossil fuels, nuclear power and renewable energy generation. Include overview of electrical transmission and distribution systems. System reliability and governance are covered.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

GREEN ENERGYShort NameCourse Code**GREENENG****100408**

This course will provide a unique approach to understanding alternative, or "green" energy and learning about the many, varied career opportunities in this field. Students enrolled in this course will engage in the study of alternative or "green" energy fundamentals and innovative energy exploration for the future. The focus of the course will center on the business and careers in the alternative, or "green" energy field with respect to the wind energy technology, renewable bio-fuels and energy efficient "green" building technology.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

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SKILLED AND TECHNICAL SCIENCES

EXPLORING SKILLED AND TECHNICAL SCIENCE - 6TH GRADE	<u>Short Name</u> EXPLSTS6	<u>Course Code</u> 100706
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In this course students will explore fundamentals in Skilled and Technical Sciences at the 6th grade level.

Course Standards : (Please list)

Student will understand and accurately apply measurement.

Students will know and model safe lab procedures and techniques.

Students will be introduced to technical communications.

Students will experience skills needed to complete a project.

Student will explore career opportunities.

Recommended Level: Middle/Junior High

Career Cluster: Foundation, Career Development and Career Education Introductory Course

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCE ED	1700

EXPLORING SKILLED AND TECHNICAL SCIENCE - 7TH GRADE	<u>Short Name</u> EXPLSTS7	<u>Course Code</u> 100707
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In this course students will explore fundamentals in Skilled and Technical Sciences at the 7th grade level.

Course Standards : (Please list)

Student will understand and accurately apply measurement.

Students will know and model safe lab procedures and techniques.

Students will be introduced to technical communications.

Students will experience skills needed to complete a project.

Student will explore career opportunities.

Recommended Level: Middle/Junior High

Career Cluster: Foundation, Career Development and Career Education Introductory Course

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCE ED	1700

COURSE CODES AND CLEARING ENDORSEMENTS	Page 186	Revised April 2017
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SKILLED AND TECHNICAL SCIENCES

EXPLORING SKILLED AND TECHNICAL SCIENCE - 8TH GRADE	<u>Short Name</u> EXPLSTS8	<u>Course Code</u> 100708
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In this course students will explore fundamentals in Skilled and Technical Sciences at the 8th grade level.

Course Standards : (Please list)

Student will understand and accurately apply measurement.

Students will know and model safe lab procedures and techniques.

Students will be introduced to technical communications.

Students will recognize material types and properties.

Students will demonstrate material processing.

Students will select tools for the correct operation.

Student will explore career opportunities.

Recommended Level: Middle/Junior High

Career Cluster: Foundation, Career Development and Career Education Introductory Courses

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
MIDDLE GR/INDUSTRIAL TECH	1816
SKILLED & TECHNICAL SCIENCE ED	1700

MANUFACTURING - METALS	<u>Short Name</u> METAL WORK	<u>Course Code</u> 101400
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This is a beginning level course that introduces the student to basic knowledge and skills that are foundational to metals manufacturing. Safety, measuring, planning and production processes will be covered.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
SKILLED & TECHNICAL SCIENCE ED	1700

ADVANCED FABRICATION AND MANUFACTURING - METALS	<u>Short Name</u> MFG/ADMETL	<u>Course Code</u> 101401
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A study of the processes used by modern industry to manufacture consumer products, safety, measurement, planning , machining, fabrication processes, and finish processes will be included. Career opportunities will also be explored.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
SKILLED & TECHNICAL SCIENCE ED	1700

COURSE CODES AND CLEARING ENDORSEMENTS	Page 187	Revised April 2017
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SKILLED AND TECHNICAL SCIENCES

INTRODUCTION TO ENERGY, POWER AND TRANSPORTATION SYSTEMS

Short Name

Course Code

INT TRANS

101600

This introductory course will provide the students with entry level knowledge and skills for further study in the Transportation, Distribution and Logistics cluster. The six forms of energy, power transmission, and modes of transportation will be introduced with several activities. A special emphasis will be placed on basic electricity and electronic theory and operation. Measurement systems used in TDL will also be included in this foundation course.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

EMERGING TECH IN TRANSPORTATION & LOGISTICS

Short Name

Course Code

EMTECHTL

101601

Emerging Technologies in Transportation and Logistics is a course that will introduce students to the application of technologies in the transportation and logistics industries. These areas will include: trucking industry, railroad industry, aviation industry, shipping industry, and various current and emerging transportation and logistics technologies.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

DISTRIBUTION AND LOGISTICS

Short Name

Course Code

DIST/LOG

101610

Distribution and Logistics is a study of the acquisition, storage, use, packaging, transportation and distribution of materials and products. Topics covered include: product receiving and storage, order processing, packaging, shipping, inventory control, quality control, tracking operations, and material handling safety.

Recommended Level: Grades 9-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

SKILLED AND TECHNICAL SCIENCES**TRANSPORTATION TECH SVCS & MAINT**Short Name**TRTECSERV**Course Code**101620**

This second level semester course will expand on the basic concepts and systems utilized in the Transportation Industry. Modes of transportation, forms of energy, and power transmission will be addressed along with sub-systems of internal combustion engines. Tools, equipment, fasteners, safety and career exploration will be included in the course.

Recommended Level: Grades 10-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

AUTOMOTIVE & MOBILE EQUIP SERV & REPAIRShort Name**AUTOSERV**Course Code**101630**

This capstone semester course in Automotive and Mobile Equipment Repair and Service will build upon the previous knowledge of skills from the Mobile Equipment Program of Study. Advanced diagnostic and repair procedure will be addressed in each of the major systems of engine repair, i.e. Ignition, fuel, cooling, lubrication, electronics, drive train, suspension & chassis, brakes, and engine performance.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

AUTOMOTIVE BODY REPAIR AND REFINISHINGShort Name**AUTOREPAIR**Course Code**101640**

Students will explore and be exposed to: Safety in the automotive workplace, careers and history in the automotive workplace, identifying damage to the vehicle, identifying tools and equipment needed for the repair, dent repair techniques, filler matters, sanding and abrasive tools as well as painting and refinishing process and techniques.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

SKILLED AND TECHNICAL SCIENCES**BUSINESS LOGISTICS**Short Name**BUSLOG**Course Code**101650**

Distribution and Logistics is a study of the acquisition, storage, use, packaging, transportation and distribution of materials and products. Topics covered include: management of materials and physical distribution; transportation choices, regulation and rates; traffic management; product storage, warehousing, handling and packaging; inventory management; acquisition and production scheduling; order entry and processing; logistics systems design and operation; and international logistics.

Recommended Level: Grades 11-12

Career Cluster: Transportation, Distribution and Logistics

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BUSINESS, MARKETING, INFO TECH

0304

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

INTRODUCTION TO MECHATRONICSShort Name**INTERMECH**Course Code**101900**

This course prepares students for careers in manufacturing and for postsecondary education. The main focus is a core structure study in hydraulics, pneumatics, electrical, material testing, sensors, electric and pneumatic robot operations and an introduction to programmable logic controllers.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

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SKILLED AND TECHNICAL SCIENCES

PLTW COMPUTER INTEGRATED MANUFACTURING

Short Name

Course Code

PLTW MFG

101901

Computer Integrated Manufacturing (CIM) is a Project Lead The Way course designed to study manufacturing planning, integration and implementation of automation. The course explores manufacturing history. Individual processes, systems, and careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design. This reflects an integrated approach that leading manufacturers have adopted to improve safety, quality and efficiently.

Teacher/Instructor is required to complete PLTW teacher professional development in order to teach this course.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

MATHEMATICS

1100

PHYSICS

1308

SCIENCE

1301

SKILLED & TECHNICAL SCIENCE ED

1700

MANUFACTURING - WOODS

Short Name

Course Code

MFG/WOODS

101920

This is a beginning level course in woods that introduces the student to basic knowledge and skills that are foundational to manufacturing. Safety, measuring, planning and production processes will be covered.

Recommended Level: Grades 9-11

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

SKILLED AND TECHNICAL SCIENCES**ADVANCED FABRICATION AND MANUFACTURING - WOODS**Short Name**ADV FAB/WD**Course Code**101921**

An advanced study of the processes used by modern industry using woods to manufacture consumer products. Safety, measurement, planning, machining, fabrication processes, and finish processes will be included. Career opportunities will also be explored.

Recommended Level: Grades 11-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

MANUFACTURING - WELDINGShort Name**WELD**Course Code**101930**

This is a beginning level course that introduces the student to basic knowledge and skills that are foundational to welding manufacturing. Safety, measuring, planning and production processes will be covered.

Recommended Level: Grades 9-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

AGRICULTURE

0100

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

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SKILLED AND TECHNICAL SCIENCES

ADVANCED FABRICATION AND MANUFACTURING - WELDING	<u>Short Name</u> AD WELD	<u>Course Code</u> 101940
A study of the processes used by modern industry to manufacture consumer products, safety, measurement, planning, machining, fabrication processes, and finish processes will be included. Career opportunities will also be explored.		
Recommended Level: Grades 11-12 Career Cluster: Manufacturing		

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
AGRICULTURE	0100
INDUSTRIAL TECH EDUCATION	1000
SKILLED & TECHNICAL SCIENCE ED	1700

MANUFACTURING - PLASTICS	<u>Short Name</u> MFG/PLAST	<u>Course Code</u> 101950
This is a beginning level course that introduces the student to basic knowledge and skills that are foundational to plastic manufacturing. Safety, measuring, planning and production processes will be covered.		
Recommended Level: Grades 9-12 Career Cluster: Manufacturing		

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
SKILLED & TECHNICAL SCIENCE ED	1700

ADVANCED FABRICATION AND MANUFACTURING - PLASTICS	<u>Short Name</u> MFG/ADPLAS	<u>Course Code</u> 101951
A study of the processes used by modern industry to manufacture consumer products, safety, measurement, planning, machining, fabrication processes, and finish processes will be included. Career opportunities will also be explored.		
Recommended Level: Grades 11-12 Career Cluster: Manufacturing		

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
INDUSTRIAL TECH EDUCATION	1000
SKILLED & TECHNICAL SCIENCE ED	1700

COURSE CODES AND CLEARING ENDORSEMENTS	Page 193	Revised April 2017
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SKILLED AND TECHNICAL SCIENCES

INTRODUCTION TO ENGINEERING

Short Name

Course Code

INTRO ENG

103191

Introduction to Engineering (IE) is an entry level course that is appropriate for 9th or 10th grade students who are interested in design and engineering. The major focus is to expose students to design process, research and analysis, teamwork, communication methods, engineering standards, and technical documentation. IE gives students the opportunity to develop skills and understanding through activities, projects, and problem-based learning.

Recommended Level: Grades 9-10

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

ENGINEERING CONCEPTS

Short Name

Course Code

ENG CONCEP

103192

Engineering Concepts (EC) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high tech career opportunities which gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

ENGINEERING APPLICATIONS

Short Name

Course Code

ENG APPL

103193

Engineering Applications is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, student will perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams of students will design, build, and test their solution. Finally, student teams will present and defend their original solution.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

COURSE CODES AND CLEARING ENDORSEMENTS	Page 194	Revised April 2017
SKILLED AND TECHNICAL SCIENCES		

ROBOTICS

Short Name

Course Code

ROBOTICS

103194

Introduction of Robotics (IR) is designed to explore the current and future use of automation technology in industry and everyday use. Students will receive a comprehensive overview of robotic systems and the subsystems that comprise them while engaging with a robotics platform. This course is designed for students who have an interest in Energy and Engineering (CEENEG) robotics applications.

Recommended Level: Grades 9-12

Career Cluster: Energy and Engineering (CEENEG)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

PHYSICS

1308

SCIENCE

1301

SKILLED & TECHNICAL SCIENCE ED

1700

ADVANCED ROBOTICS

Short Name

Course Code

ADV ROBOT

103195

Advanced Robotics is designed to be a continuation of the Robotics course and provide a capstone experience in a sequence of courses dealing with the current and future use of automation technology in industry. Students will continue the study and exploration of robotic systems and the subsystems that comprise them while engaging with a robotics platform. This course is designed for students who have an interest in Engineering and Manufacturing.

Recommended Level: Grades 11-12

Career Cluster: Energy and Engineering

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

PHYSICS

1308

SCIENCE

1301

SKILLED & TECHNICAL SCIENCE ED

1700

COURSE CODES AND CLEARING ENDORSEMENTS	Page 195	Revised April 2017
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SKILLED AND TECHNICAL SCIENCES

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109930

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109931

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109932

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

COURSE CODES AND CLEARING ENDORSEMENTS	Page 196	Revised April 2017
SKILLED AND TECHNICAL SCIENCES		

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109933

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

SKILLED AND TECHNICAL SCIENCE, OTHER

Short Name

Course Code

STSOTHER

109934

SKILLED AND TECHNICAL SCIENCE courses not otherwise listed or classified. Please note courses coded in this area do not count toward an approved Nebraska Career Education program of study.

Recommended Level: Grades 7-12

Career Cluster: Manufacturing

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

INDUSTRIAL TECH EDUCATION

1000

SKILLED & TECHNICAL SCIENCE ED

1700

COURSE CODES AND CLEARING ENDORSEMENTS	Page 197	Revised April 2017
SOCIAL SCIENCE/SOCIAL STUDIES		

SOCIAL STUDIES-MIDDLE GRADES/JR HIGH I

Short Name

Course Code

SOC MG I

150011

The study of curriculum and experiences from one or all of the following: history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the first course in Social Studies at the middle grades/junior high.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HISTORY

1505

MIDDLE GR/SOCIAL SCIENCE

1820

SOCIAL SCIENCE

1501

SOCIAL STUDIES-MIDDLE GRADES/JR HIGH II

Short Name

Course Code

SOC MG II

150012

The study of curriculum and experiences from one or all of the following: history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the second course in Social Studies at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HISTORY

1505

MIDDLE GR/SOCIAL SCIENCE

1820

SOCIAL SCIENCE

1501

SOCIAL SCIENCE/SOCIAL STUDIES**SOCIAL STUDIES-MIDDLE GRADES/JR HIGH III**Short Name**SOC MG III**Course Code**150013**

The study of curriculum and experiences from one or all of the following; history, geography, economics, citizenship, government, cultural studies, and current events.

Use this code for the third course in Social Studies at the middle grades/junior high level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HISTORY

1505

MIDDLE GR/SOCIAL SCIENCE

1820

SOCIAL SCIENCE

1501

ANTHROPOLOGYShort Name**ANTHROPOL**Course Code**150100**

The study of people and their worlds in which attention is focused on the relations between people and their culture in the past and present and their ongoing cultural development, and the varieties of human, social and cultural forms.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

ANTHROPOLOGY

1502

HISTORY

1505

SOCIAL SCIENCE

1501

SOCIAL SCIENCE/SOCIAL STUDIES**CULTURAL/ETHNIC STUDIES**Short NameCourse Code**CULT/ETH****150104**

The study of the cultural development and relationships between or among ethnic groups and their impact on the larger culture.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

ANTHROPOLOGY	1502
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
HISTORY	1505
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

GEOGRAPHYShort NameCourse Code**GEOGRAPHY****150700**

The study of spatial relations and processes on the earth's surface studied on a variety of scales ranging from local to world-wide.

This code should also be used for such geography courses as:

Human
Physical
World
North America
South America
Nebraska
Other

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

SOCIAL SCIENCE/SOCIAL STUDIES**ADVANCED PLACEMENT GEOGRAPHY**Short Name**AP GEOG**Course Code**150750**

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

GEOGRAPHY	1504
HISTORY	1505
SOCIAL SCIENCE	1501

WORLD HISTORYShort Name**WORLD HIST**Course Code**150800**

The study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with the entire world. The course typically includes a historical overview of political, military, scientific, and social developments. The course should also include historical analysis, comprehension and research skills.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS**Page
201****Revised
April
2017****SOCIAL SCIENCE/SOCIAL STUDIES****ADVANCED PLACEMENT WORLD HISTORY**Short Name**AP HISTW**Course Code**150805**

The purpose of AP World History course is to develop greater understanding of the evolution of global processes and contracts in different types of human societies.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HISTORY

1505

SOCIAL SCIENCE

1501

ADVANCED PLACEMENT EUROPEAN HISTORYShort Name**AP HISTEU**Course Code**150806**

The purpose of AP European History since 1450 is to introduce students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HISTORY

1505

SOCIAL SCIENCE

1501

NEBRASKA HISTORYShort Name**NEBR HIST**Course Code**150810**

The study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with Nebraska.

This code should also be used for such courses as:
Great Plains History

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

HISTORY

1505

MIDDLE GR/SOCIAL SCIENCE

1820

SOCIAL SCIENCE

1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 202	Revised April 2017
SOCIAL SCIENCE/SOCIAL STUDIES		

AMERICAN HISTORY	<u>Short Name</u> AMER HIST	<u>Course Code</u> 150820
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The study of the history of events, individual groups, institutions, artifacts, ideas and other phenomena associated with the United States. The course typically includes a historical overview of political, military, scientific, and social developments. The course should also include historical analysis, comprehension and research skills.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
SOCIAL SCIENCE	1501

ADVANCED PLACEMENT US HISTORY	<u>Short Name</u> AP HIST US	<u>Course Code</u> 150830
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The purpose of the AP program in United States History is to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United State History.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
HISTORY	1505
SOCIAL SCIENCE	1501

SOCIAL SCIENCE/SOCIAL STUDIES**HUMANITIES**Short NameCourse Code**HUMANITIES****150900**

The advanced study of a group of related subjects such as literature, art, music, religion, history, philosophy, and classical and modern languages, with aspects of social science/social studies forming the core; concerned with individual cultural achievements and values in society.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ART	0200
ENGLISH	0501
HISTORY	1505
MUSIC	1201
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501

ECONOMICSShort NameCourse Code**ECONOMICS****151000**

Economics is a course designed to help students make decisions and understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

Recommended Level: Grades 11-12

Career Cluster: Finance

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

BASIC BUSINESS	0301
BUSINESS, MARKETING, INFO TECH	0304
ECONOMICS	1503
SOCIAL SCIENCE	1501

SOCIAL SCIENCE/SOCIAL STUDIES**POLITICAL SCIENCE**Short Name**POLISCIENC**Course Code**151100**

The study of governments and political behavior.

This code could also be used for such courses as:

Comparative Governments

Political Parties and Public Opinion

Other

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number**

HISTORY

1505

POLITICAL SCIENCE

1507

SOCIAL SCIENCE

1501

MODERN PROBLEMSShort Name**MOD PROBS**Course Code**151103**

An advanced course dealing with the analysis of economic, social, political, cultural, and other issues which influence the economic, social, political, and cultural change and development of modern societies, specifically American society.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name**Endorsement Number**

HISTORY

1505

POLITICAL SCIENCE

1507

SOCIAL SCIENCE

1501

SOCIAL SCIENCE/SOCIAL STUDIES**AMERICAN GOVERNMENT**Short Name**AMER GVNMT**Course Code**151110**

This course provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. The course examines how people govern themselves at the national, state and local level.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HISTORY

1505

POLITICAL SCIENCE

1507

SOCIAL SCIENCE

1501

ADVANCED PLACEMENT GOVERNMENTShort Name**AP GOV**Course Code**151113**

The purpose of the AP course in United States Government and Politics is to give students an analytical perspective on government and politics in the United States.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HISTORY

1505

POLITICAL SCIENCE

1507

SOCIAL SCIENCE

1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 206	Revised April 2017
SOCIAL SCIENCE/SOCIAL STUDIES		

CIVICS

Short Name

Course Code

CIVICS

151114

Courses which develop understanding and attitudes that encourage people to participate in civic affairs and to understand their rights and responsibilities as citizens.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HISTORY

1505

POLITICAL SCIENCE

1507

SOCIAL SCIENCE

1501

INTERNATIONAL RELATIONS

Short Name

Course Code

INTL RELAT

151120

The study of agencies, operations and principles involved in communication and interaction among nations, with emphasis typically given to relations among governments.

This code should also be used for such courses as:

Global Studies

Global Conflict

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HISTORY

1505

POLITICAL SCIENCE

1507

SOCIAL SCIENCE

1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 207	Revised April 2017
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SOCIAL SCIENCE/SOCIAL STUDIES

PSYCHOLOGY

<u>Short Name</u>	<u>Course Code</u>
PSYCHOLOGY	151200

The study of human behavior and mental processes.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PSYCHOLOGY	1508
SCHOOL COUNSELOR	2501
SOCIAL SCIENCE	1501

ADVANCED PLACEMENT PSYCHOLOGY

<u>Short Name</u>	<u>Course Code</u>
AP PSYCHOL	151210

The purpose of AP Psychology course is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
PSYCHOLOGY	1508
SOCIAL SCIENCE	1501

SOCIOLOGY

<u>Short Name</u>	<u>Course Code</u>
SOCIOLOGY	151300

The study of the structure, functions, and various forms of human society.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

SOCIAL SCIENCE/SOCIAL STUDIES**RELIGION I**Short NameCourse Code**RELIGION I****151301**

The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01.

This code should be used for such courses as:

Philosophy of Religion

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

RELIGIOUS EDUCATION

1506

RELIGION IIShort NameCourse Code**RELIGIONII****151302**

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

RELIGIOUS EDUCATION

1506

RELIGION IIIShort NameCourse Code**RELIG III****151303**

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

RELIGIOUS EDUCATION

1506

COURSE CODES AND CLEARING ENDORSEMENTS	Page 209	Revised April 2017
SOCIAL SCIENCE/SOCIAL STUDIES		

RELIGION IV

Short Name

Course Code

RELIGIONIV

151304

Nonpublic schools offering advanced religion courses may develop an appropriate course description.

Religion classes in nonpublic schools which are not counted as a part of the school offering SHOULD NOT BE ENTERED. See 92NAC 10-003.01

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

RELIGIOUS EDUCATION

1506

HOLOCAUST HISTORY

Short Name

Course Code

HOL HIST

152000

This high school level course about the Holocaust, its roots and implications seek to explore the historical events before, during and after the Holocaust and to examine this history as a watershed event with lessons and implications for humanity and contemporary society.

PREREQUISITE: None

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HISTORY

1505

SOCIAL SCIENCE

1501

IB HISTORY

Short Name

Course Code

IB HIST

152001

IB History courses prepare students to take the International Baccalaureate History exams at either the Subsidiary or Higher level. In these courses, students study political, military, economic, social, and cultural trends and explore the nature of historical documentation and the methods used by historians. IB History courses survey 20th-century topics in an international context; provide a detailed regional study of a major area (Africa, Europe, the Americas, West and South Asia, East and Southeast Asia, or Australia); and enable students to undertake individual study on a subject of interest in greater detail and depth.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

HISTORY

1505

SOCIAL SCIENCE

1501

SOCIAL SCIENCE/SOCIAL STUDIES**IB PSYCHOLOGY**Short NameCourse Code**IB PSYCHOL****152002**

IB Psychology courses prepare students to take the International Baccalaureate Psychology exams at either the Subsidiary or Higher level. Course content includes developmental and social psychology, cognition and learning, and personality subject areas, which are approached from biological/physiological, behavioral, and humanistic points of view. These courses may include a study of research design and statistics and involve practical work in psychological research.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

PSYCHOLOGY

1508

SOCIAL SCIENCE

1501

IB THEORY OF KNOWLEDGEShort NameCourse Code**IB TOK****152003**

Obligatory for every International Baccalaureate degree candidate, IB Theory of Knowledge courses aim to stimulate critical self-reflection of students' knowledge and experiences. Course content generates questions regarding the bases of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, and history, with an awareness of moral, political, and aesthetic judgments and biases. Students learn to appreciate the strengths and limitations of various kinds of knowledge; to relate studied subjects to one another, general knowledge, and living experiences; to formulate rational arguments; and to evaluate the role of language in knowledge and as a way to convey knowledge.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

HISTORY

1505

POLITICAL SCIENCE

1507

SOCIAL SCIENCE

1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 211	Revised April 2017
SOCIAL SCIENCE/SOCIAL STUDIES		

SOCIAL SCIENCE, OTHER

Short Name

Course Code

SOC OTHER

159930

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.
 --- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
 --- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

SOCIAL SCIENCE, OTHER

Short Name

Course Code

SOC OTHER

159931

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.
 --- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
 --- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

COURSE CODES AND CLEARING ENDORSEMENTS	Page 212	Revised April 2017
SOCIAL SCIENCE/SOCIAL STUDIES		

SOCIAL SCIENCE, OTHER

Short Name

Course Code

SOC OTHER

159932

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.
 --- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
 --- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

SOCIAL SCIENCE, OTHER

Short Name

Course Code

SOC OTHER

159933

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.
 --- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.
 --- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

COURSE CODES AND CLEARING ENDORSEMENTS	Page 213	Revised April 2017
SOCIAL SCIENCE/SOCIAL STUDIES		

SOCIAL SCIENCE, OTHER

Short Name

Course Code

SOC OTHER

159934

Social Science courses not listed or classifiable under the above codes.

Course codes for Criminal Justice, AP Microeconomics, and AP Macroeconomics are found within Career Education course listings.

--- Criminal Justice is listed under LAW, PUBLIC SAFETY AND SECURITY.

--- Advanced Placement Microeconomics and Advanced Placement Macroeconomics are listed under BUSINESS, MARKETING AND MANAGEMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ANTHROPOLOGY	1502
ECONOMICS	1503
GEOGRAPHY	1504
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
POLITICAL SCIENCE	1507
RELIGIOUS EDUCATION	1506
SOCIAL SCIENCE	1501
SOCIOLOGY	1509

COURSE CODES AND CLEARING ENDORSEMENTS**Page
214****Revised
April
2017****WORLD LANGUAGE****WORLD LANGUAGE LATIN I**Short Name**LATIN I**Course Code**060105**

This beginning course includes the study of the language, literature and culture of the Roman world. Students will be able to understand familiar words, interpret very simple sentences and respond appropriately to simple questions, statements, and commands. Students will be able to read and write words, phrases and simple sentences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-LATIN

0603

WORLD LANGUAGE LATIN IIShort Name**LATIN II**Course Code**060106**

This course includes a more complex study of the language, literature and culture of the Roman world. Students will be able to understand phrases, sentences and commonly used vocabulary, interpret content, and recognize the main point of simple texts. Students will be able to read and interpret the meaning of short, simple texts and can communicate comprehension of prose and poetry by responding and writing answers to questions and statements. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-LATIN

0603

ADVANCED PLACEMENT LATIN VERGILShort Name**AP LATIN**Course Code**060107**

The aims of the AP Latin: Vergil course are in general conformity with college Latin studies in the fourth through sixth semesters. As in all such courses at this level, the basic objective is progress in reading, translating, understanding, analyzing, and interpreting Latin. In the course, as in the parallel courses at colleges, students are expected to be able to translate accurately from Latin into English the poetry they are reading and to demonstrate a grasp of grammatical structures and vocabulary.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-LATIN

0603

COURSE CODES AND CLEARING ENDORSEMENTS	Page 215	Revised April 2017
WORLD LANGUAGE		

LATIN III

Short Name

Course Code

LATIN III

060108

This course builds students' knowledge of the Latin language and culture, typically focusing on having students express increasingly complex concepts in writing and comprehend and react to original Latin texts.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

LATIN IV

Short Name

Course Code

LATIN IV

060109

This course builds upon the content explored in Latin III. This course continues to build students' knowledge of the Latin language and culture, typically focusing on having students express increasingly complex concepts in writing and comprehend and react to original Latin texts.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-LATIN

0603

WORLD LANGUAGE FRENCH I

Short Name

Course Code

FRENCH I

060221

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-FRENCH

0601

COURSE CODES AND CLEARING ENDORSEMENTS	Page 216	Revised April 2017
WORLD LANGUAGE		

WORLD LANGUAGE FRENCH II

Short Name

FRENCH II

Course Code

060222

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

WORLD LANGUAGE FRENCH III

Short Name

FRENCH III

Course Code

060223

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

WORLD LANGUAGE FRENCH IV

Short Name

FRENCH IV

Course Code

060224

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

COURSE CODES AND CLEARING ENDORSEMENTS	Page 217	Revised April 2017
WORLD LANGUAGE		

WORLD LANGUAGE FRENCH V

Short Name

FRENCH V

Course Code

060225

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

ADVANCED PLACEMENT FRENCH AND CULTURE

Short Name

AP FRENCH

Course Code

060226

The AP French Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

IB LANGUAGE A - FRENCH

Short Name

IB FRENCHA

Course Code

060227

This French course prepares students to take the Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-FRENCH

0601

COURSE CODES AND CLEARING ENDORSEMENTS	Page 218	Revised April 2017
WORLD LANGUAGE		

IB LANGUAGE B - FRENCH

Short Name Course Code
IB FRENCHB 060228

This French course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Student prepare to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level will be able to communicate fluently at native speed.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-FRENCH	0601

WORLD LANGUAGE GERMAN I

Short Name Course Code
GERMAN I 060231

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-GERMAN	0602

WORLD LANGUAGE GERMAN II

Short Name Course Code
GERMAN II 060232

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-GERMAN	0602

COURSE CODES AND CLEARING ENDORSEMENTS	Page 219	Revised April 2017
WORLD LANGUAGE		

WORLD LANGUAGE GERMAN III

Short Name

Course Code

GERMAN III

060233

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

WORLD LANGUAGE GERMAN IV

Short Name

Course Code

GERMAN IV

060234

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

WORLD LANGUAGE GERMAN V

Short Name

Course Code

GERMAN V

060235

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-GERMAN

0602

COURSE CODES AND CLEARING ENDORSEMENTS**Page
220****Revised
April
2017****WORLD LANGUAGE****ADVANCED PLACEMENT GERMAN AND CULTURE**Short NameCourse Code**AP GERMAN****060236**

The AP German Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary use, language control, communication strategies, and cultural awareness. Students should learn language structures in context and use them to convey meaning. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language. The course engages students in an exploration of culture in both contemporary and historical contexts.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-GERMAN

0602

IB LANGUAGE A - GERMANShort NameCourse Code**IB GERMANA****060237**

This German course prepares students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-GERMAN

0602

IB LANGUAGE B - GERMANShort NameCourse Code**IB GERMANB****060238**

This German course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-GERMAN

0602

COURSE CODES AND CLEARING ENDORSEMENTS	Page 221	Revised April 2017
WORLD LANGUAGE		

WORLD LANGUAGE SPANISH I

Short Name

Course Code

SPANISH I

060241

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-SPANISH

0604

WORLD LANGUAGE SPANISH II

Short Name

Course Code

SPANISH II

060242

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-SPANISH

0604

WORLD LANGUAGE SPANISH III

Short Name

Course Code

SPANISHIII

060243

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

COURSE CODES AND CLEARING ENDORSEMENTS	Page 222	Revised April 2017
WORLD LANGUAGE		

WORLD LANGUAGE SPANISH IV

Short Name

Course Code

SPANISH IV

060244

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

WORLD LANGUAGE SPANISH V

Short Name

Course Code

SPANISH V

060245

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

ADVANCED PLACEMENT SPANISH AND CULTURE

Short Name

Course Code

AP SPANISH

060246

The AP Spanish course should help prepare students to demonstrate their level of Spanish proficiency across three communicative models (Interpersonal [interactive communication], Interpretive [receptive communication], and Presentational [productive communication]), and the five goal areas outlined in the Standards for Foreign Language Learning in the 21st Century (Communication, Cultures, Connections, Comparisons and Communities). The course is meant to be comparable to third year (fifth or sixth semester) college and university courses that focus on speaking and writing in the target language at an advanced level.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

COURSE CODES AND CLEARING ENDORSEMENTS	Page 223	Revised April 2017
WORLD LANGUAGE		

IB LANGUAGE A - SPANISH

Short Name

Course Code

IB SPAN A

060247

This Spanish course prepares students to take the Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students' accuracy and fluency in the language, which is usually the students' native tongue.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

IB LANGUAGE B - SPANISH

Short Name

Course Code

IB SPAN B

060248

This Spanish course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

SPANISH FOR NATIVE SPEAKERS I

Short Name

Course Code

SPAN NS I

060249

This two semester course supports, reinforces, and expands students' knowledge of their own tongue. Spanish for Native Speakers courses move faster than do traditional Spanish foreign language courses and emphasize expansion of academic language, development of literacy skills, and exploration of culture and history of Spanish speaking people and nations of the world.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

COURSE CODES AND CLEARING ENDORSEMENTS	Page 224	Revised April 2017
WORLD LANGUAGE		

SPANISH FOR NATIVE SPEAKERS II

Short Name

Course Code

SPAN NS II

060250

This course builds upon the content explored in Spanish for Native Speakers I. This two semester course continues to support, reinforce, and expand students' knowledge of their own tongue. Spanish for Native Speakers courses move faster than do traditional Spanish foreign language courses and emphasize expansion of academic language, development of literacy skills, and exploration of culture and history of Spanish speaking people and nations of the world.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-SPANISH

0604

WORLD LANGUAGE JAPANESE I

Short Name

Course Code

JAPANESE I

060251

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-JAPANESE

0607

WORLD LANGUAGE JAPANESE II

Short Name

Course Code

JAPANESEII

060252

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-JAPANESE

0607

COURSE CODES AND CLEARING ENDORSEMENTS	Page 225	Revised April 2017
WORLD LANGUAGE		

ADVANCED PLACEMENT JAPANESE AND CULTURE

<u>Short Name</u>	<u>Course Code</u>
APJAPANESE	060253

The AP Japanese Language and Culture course is designed to be comparable to college/university Japanese courses that represent the point at which students complete approximately 300 hours of college-level classroom instruction. Like the corresponding college courses, the AP course supports students as they develop the productive, receptive, and cultural skills necessary to communicate with native speakers of Japanese. Students' proficiency levels at the end of the course are expected to reach at least the Intermediate Low to Intermediate Mid range, as described in the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-JAPANESE	0607

WORLD LANGUAGE RUSSIAN I

<u>Short Name</u>	<u>Course Code</u>
RUSSIAN I	060261

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE-RUSSIAN	0606

WORLD LANGUAGE RUSSIAN II

<u>Short Name</u>	<u>Course Code</u>
RUSSIAN II	060262

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
WORLD LANGUAGE-RUSSIAN	0606

COURSE CODES AND CLEARING ENDORSEMENTS**Page
226****Revised
April
2017****WORLD LANGUAGE****WORLD LANGUAGE CHINESE I**Short Name**CHINESE I**Course Code**060271**

This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

MIDDLE GR/WORLD LANGUAGE

1814

WORLD LANGUAGE-CHINESE

0608

WORLD LANGUAGE CHINESE IIShort Name**CHINESE II**Course Code**060272**

This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

WORLD LANGUAGE-CHINESE

0608

WORLD LANGUAGE CHINESE IIIShort Name**CHINESEIII**Course Code**060273**

This course enables students to understand main points in a conversation on familiar matters regularly encountered in work, school, leisure, etc. Students will be able to understand the main point of radio or TV programs on current affairs or topics of interest when the delivery is relatively slow and clear and understand texts that consist mainly of everyday language. They can understand the description of events, feelings and wishes in personal letters and deal with basic situations likely to arise when traveling in an area where the language is spoken. Students are able to enter into conversations on topics that are familiar and connect phrases in order to describe experiences and events. Students will be able to write simple connected text and letters on topics, which are familiar, or of personal interest. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

WORLD LANGUAGE-CHINESE

0608

COURSE CODES AND CLEARING ENDORSEMENTS	Page 227	Revised April 2017
WORLD LANGUAGE		

WORLD LANGUAGE CHINESE IV

Short Name

Course Code

CHINESE IV

060274

This course enables students to understand extended conversations provided the topic is reasonably familiar, some TV news, current affairs programs, and films in standard language. Students will be able to read articles and literary prose in which the writers adopt particular attitudes or viewpoints. Students can interact with a degree of competency and take an active part in discussion in familiar contexts. Students will be able to present clear, detailed descriptions and write clear, detailed texts on subjects related to their interests. Students can write text that conveys information and letters highlighting the personal significance of events and experiences. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-CHINESE

0608

WORLD LANGUAGE CHINESE V

Short Name

Course Code

CHINESE V

060275

This course enables students to more clearly understand extended speech and follow more complex lines of conversations on a variety of topics. Students will be able to understand the majority of television programs and films with standard language. They can understand longer and more complex factual and literary texts. Students will be able to express themselves more fluently and spontaneously, use language flexibly and effectively for social and professional purposes, and formulate ideas and opinions. Students can present clear, detailed descriptions of a variety of subjects developing particular points and formulating an appropriate conclusion. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-CHINESE

0608

ADVANCED PLACEMENT CHINESE AND CULTURE

Short Name

Course Code

AP CHINESE

060276

The AP Chinese Language and Culture course is designed to be comparable to fourth semester (or the equivalent) college/university courses in Mandarin Chinese. These college courses, which deepen students' immersion into the language and culture of the Chinese-speaking world, typically represent the point at which students approximately 250 hours of college-level classroom instruction. Course work provides students with opportunities to perform Intermediate- to Advanced-level tasks, and students are expected to achieve proficiencies throughout, and sometimes beyond, the Intermediate range, as described in the American Council on the Teaching of Foreign Languages (AFTFL) Proficiency Guidelines.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-CHINESE

0608

COURSE CODES AND CLEARING ENDORSEMENTS	Page 228	Revised April 2017
WORLD LANGUAGE		

AMERICAN SIGN LANGUAGE I

Short Name

Course Code

AM SIGN I

064100

This beginning course includes American Sign Language (ASL) instruction and Deaf culture awareness components. Students will be able to understand and interpret basic American Sign Language on a variety of everyday, school and family topics. They will be able to follow and give simple directions and instructions, exchange essential information and negotiate the signing environment using a few polite behaviors and basic nonmanual cues in very limited situations. This course should help students begin to develop cultural understanding and demonstrate practices appropriate to the culture in which ASL is used.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-ASL

0612

WORLD LANGUAGE-ASL SUPP

0613

AMERICAN SIGN LANGUAGE II

Short Name

Course Code

AM SIGN II

064101

This course enables students to express and comprehend basic information while interacting in ASL. Students will be able to engage in conversations, express feelings and emotions, and exchange opinions on personal and school experiences. Using ASL students can ask and respond to familiar questions for clarification. They will be able to interact in groups to develop and propose solutions to issues and problems related to the school or community. This course should help students understand basic cultural practices of Deaf culture and begin to use a few simple cultural practices and customs.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-ASL

0612

WORLD LANGUAGE-ASL SUPP

0613

AMERICAN SIGN LANGUAGE III

Short Name

Course Code

AM SIGNIII

064102

This course enables students to understand main points in a conversation on familiar topics about school, leisure, work, etc. Students will be able to exchange, support, and discuss their opinions and individual perspectives on a variety of familiar topics. Using ASL they will be able to discuss current or past events that are significant in the Deaf culture or being studied in another subject. Students can compare basic similarities and differences between Deaf culture and other cultures. This course should help students demonstrate cultural understanding of practices, products, and perspectives appropriate to the culture in which ASL is used.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

WORLD LANGUAGE-ASL

0612

WORLD LANGUAGE-ASL SUPP

0613

COURSE CODES AND CLEARING ENDORSEMENTS**Page
229****Revised
April
2017****WORLD LANGUAGE****AMERICAN SIGN LANGUAGE IV**Short NameCourse Code**AM SIGN IV****064103**

This course enables students to understand extended conversations, provided the topic is familiar. Students will be able to understand and interpret American Sign Language in a variety of real-life situations on everyday topics. They will be able to comprehend main ideas and some supporting details from simple announcements, narratives, and conversations in familiar situations on everyday topics. Students can actively participate in American Sign Language related events in schools and communities by using ASL. This course should help students demonstrate understanding of the nature of ASL and its culture through comparisons of their own language and culture.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

WORLD LANGUAGE-ASL

0612

WORLD LANGUAGE-ASL SUPP

0613

LANGUAGE SURVEYShort NameCourse Code**LAN SURVEY****065000**

These are exploratory courses that introduce the student to the language and culture of people from several different major world language groups. This course may also be called Foreign Language Exploratory (FLEX) or Introduction to Foreign Language.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

1207

BILINGUAL EDUCATION

0609

ENGLISH

0501

ENGLISH AS 2ND LANG

0605

MIDDLE GR/WORLD LANGUAGE

1814

SOCIAL SCIENCE

1501

WORLD LANGUAGE

0699

WORLD LANGUAGE-CHINESE

0608

WORLD LANGUAGE-FRENCH

0601

WORLD LANGUAGE-GERMAN

0602

WORLD LANGUAGE-ITALIAN

0610

WORLD LANGUAGE-JAPANESE

0607

WORLD LANGUAGE-KOREAN

0611

WORLD LANGUAGE-LATIN

0603

WORLD LANGUAGE-RUSSIAN

0606

WORLD LANGUAGE-SPANISH

0604

COURSE CODES AND CLEARING ENDORSEMENTS**Page
230****Revised
April
2017****WORLD LANGUAGE****WORLD LANGUAGE, OTHER**Short Name**F LANG OTH**Course Code**069930**

Foreign language courses not otherwise listed or classifiable.

Using codes 069930 through 069934 means you can add five "other" courses by using one code for each one of the five courses.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

COURSE CODES AND CLEARING ENDORSEMENTS	Page 231	Revised April 2017
WORLD LANGUAGE		

WORLD LANGUAGE, OTHER

Short Name

Course Code

F LANG OTH

069931

Foreign language courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE

WORLD LANGUAGE, OTHER

Short NameCourse Code

F LANG OTH

069932

Foreign language courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE

WORLD LANGUAGE, OTHER

Short NameCourse Code

F LANG OTH

069933

Foreign language courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

WORLD LANGUAGE

WORLD LANGUAGE, OTHER

Short NameCourse Code

F LANG OTH

069934

Foreign language courses not otherwise listed or classifiable.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

BILINGUAL EDUCATION	0609
ENGLISH AS 2ND LANG	0605
MIDDLE GR/WORLD LANGUAGE	1814
WORLD LANGUAGE	0699
WORLD LANGUAGE-ASL	0612
WORLD LANGUAGE-ASL SUPP	0613
WORLD LANGUAGE-CHINESE	0608
WORLD LANGUAGE-FRENCH	0601
WORLD LANGUAGE-GERMAN	0602
WORLD LANGUAGE-ITALIAN	0610
WORLD LANGUAGE-JAPANESE	0607
WORLD LANGUAGE-KOREAN	0611
WORLD LANGUAGE-LATIN	0603
WORLD LANGUAGE-RUSSIAN	0606
WORLD LANGUAGE-SPANISH	0604

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TITLE I CURRICULUM		

TITLE I READING

Short Name

Course Code

TI I READ

250101

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Reading (050102) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY endorsement clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GRADES	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

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TITLE I CURRICULUM		

TITLE I MATHEMATICS

Short Name

Course Code

TI I MATH

250102

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Arithmetic (110201) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY endorsement clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE GRADES	1803
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

TITLE I EXTENDED KINDERGARTEN

Short Name

Course Code

TI I EXKDG

250103

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs.

A supplemental program which precedes the more formal instructional program in the elementary grades. The Title I kindergarten program may provide a background of supplemental concrete experiences in the basic skills.

This code should be used only for classes operating under the auspices of Title I.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
SPED EARLY CHLDHOOD	1916

COURSE CODES AND CLEARING ENDORSEMENTS	Page 237	Revised April 2017
TITLE I CURRICULUM		

TITLE I LANGUAGE ARTS

Short Name

Course Code

TI I LANG

250104

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs. Similar to Language Arts (050001) except that the class is conducted under the auspices of Title I requirements and is supplemental in nature.

This code should be used only for classes operating under the auspices of Title I.

ELEMENTARY and READING endorsements clears this course regardless of the level of the endorsement or the grade at which the course is taught.

MIDDLE GRADES endorsement clears this course for grades 4 - 12.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GRADES	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

TITLE I PREKINDERGARTEN

Short Name

Course Code

TI I PK

250105

Most staff teaching Title I courses will be coded as Teacher-Collaborator (position assignment code 1180). These staff will not be included in the Student Grades Template for their Title I assignment. These Title I courses and endorsements are guidance for school districts when assigning staff to work in Title I Programs.

An early childhood program (for eligible children) which precedes kindergarten. The Title I prekindergarten program provides a background of developmentally appropriate experiences to assist children in their language and concept development. Parental involvement is a key aspect of such programs for young children.

This code should be used only for classes operated under the auspices of Title I.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
SPED EARLY CHLDHOOD	1916

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MISCELLANEOUS CURRICULUM		

JROTC (Junior Reserve Officers Training Corp)

Short Name

Course Code

JROTC

230101

The purpose of JROTC is "to instill in students in [United States] middle and secondary educational institutions the values of citizenship, service to the United States, and personal responsibility and a sense of accomplishment". Additional objectives are established by the service departments of the Department of Defense. Under 542.4 of Title 32 (National Defense) of the Code of Federal Regulations, the objectives for each grade are: *Developing good citizenship and patriotism, *Developing self-reliance, leadership, and responsiveness to constituted authority, *Improving the ability to communicate well both orally and in writing, *Developing an appreciation of the importance of physical fitness, *Increasing a respect for the role of the U.S. Armed Forces in support of national objectives, *Developing knowledge of team building skills and basic military skills. JROTC follows a prescribed curriculum that helps cadets develop life-long leadership and decision making. The curriculum supports the school's mission and mandates by integrating technology, linking content to state standards, integrating reading and writing, and providing character and financial education.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ROTC

2200

STUDENT AIDE

Short Name

Course Code

STUDNTAIDE

230800

The Student Aide program is offered for students who are working in certain areas of the school operation; for example, office worker, library assistant, or teacher assistant.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

ADVANCED PLACEMENT SEMINAR

Short Name

Course Code

APSEMINAR

230801

This rigorous college level course provides students the opportunity to research a real world problem and look at the problem through a variety of lenses. Students will explore the problem through multiple lenses and make connections to their own lives. A primary goal is for students to understand the complexity of a topic by examining a variety of and divergent or competing perspectives. Instructors shall encourage students to approach a topic from these viewpoints: culture and social, artistic and philosophical, political and historical, environmental, economic and scientific.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

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MISCELLANEOUS CURRICULUM

ADVANCED PLACEMENT RESEARCH

<u>Short Name</u>	<u>Course Code</u>
APRESEARCH	230802

This rigorous college level course allows students to design, plan and conduct research on a topic of their interest. The project is a year in length and the students are required to demonstrate they are capable of researching current real-world concepts. Students are expected to explore novel ideas or approaches to complex issues; access information using effective strategies; evaluating the relevance and credibility of information as well as demonstrating perseverance, goal setting, managing time, and working independently.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

STUDY HALL

<u>Short Name</u>	<u>Course Code</u>
STUDY HALL	230803

Study Hall courses provide students with the opportunity and time to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom. Reporting this course is optional.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
OTHER ENDORSEMENT	8888

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HIGH ABILITY EDUCATION

HIGH ABILITY EDUCATION

Short Name

Course Code

HIGH AB ED

300100

Subject matter and experiences designed for individuals identified by professionally qualified personnel as being capable of high performance in one or more areas of special competence. Among these areas of special competence are creativity, leadership ability, social adeptness, and training in fine arts education.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

Other Endorsement

8888

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ENGLISH AS A SECOND LANGUAGE		

ENGLISH AS A SECOND LANGUAGE

Short Name

Course Code

ESL

310010

A special course designed to teach the English language to non-or limited English speaking students. The goals of ESL instruction are: 1) to provide students with the English language skills appropriate to their grade level as rapidly as possible; 2) to orient students to the culture patterns of American life so they can participate fully in the classroom, the school, and the community; 3) to develop students' awareness of cultural diversity and to encourage pride in their own bilingualism and biculturalism; and 4) to enable students to make as much progress in their academic subjects as English speaking students make by providing them with supplementary materials, instruction, and tutoring in their primary language.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

ESL OR DUAL LANGUAGE ARTS-ELEMENTARY

Short Name

Course Code

ESL LAN E

310050

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in the area of language arts, including the full range of language experiences i.e., oral, listening, reading and writing skills. This course is designed for students whose instructional level is at the elementary level (grades K-8).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE

1804

EARLY CHILDHOOD EDUCATION

1802

EARLY CHILDHOOD EDUCATION

1830

ELEMENTARY

1801

MIDDLE GRADES

1803

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ENGLISH AS A SECOND LANGUAGE		

ESL OR DUAL LANGUAGE ARTS-SECONDARY

Short Name

Course Code

ESL LAN S

310051

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in the area of language arts, including the full range of language experiences i.e., oral, listening, reading and writing skills. This course is designed for students whose instructional level is at the secondary level (grades 9-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ENGLISH

0501

ENGLISH LANGUAGE ARTS

0502

MIDDLE GR/LANGUAGE ARTS

1817

MIDDLE GRADES

1803

BILINGUAL/ENGLISH AS A DUAL LANGUAGE

Short Name

Course Code

ESL DUAL

310101

A special course that makes instructional use of both English and the students' native language to enable the student to develop and attain English proficiency and earn academic content credit.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

OTHER ENDORSEMENT

8888

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ENGLISH AS A SECOND LANGUAGE		

ESL OR DUAL LANGUAGE MATHEMATICS-ELEMENTARY	<u>Short Name</u> ESL MATH E	<u>Course Code</u> 310110
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A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in mathematics. This course is designed for students whose instructional level is at the elementary level (grades K-8).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/MATHEMATICS	1818
MIDDLE GRADES	1803

ESL OR DUAL LANGUAGE MATHEMATICS-SECONDARY	<u>Short Name</u> ESL MATH S	<u>Course Code</u> 310111
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A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in mathematics for students whose instructional level is grades 9-12.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE GRADES	1803

ENGLISH AS A SECOND LANGUAGE**ESL OR DUAL LANGUAGE SCIENCE-ELEMENTARY**Short Name**ESL SCI E**Course Code**310130**

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in science for students whose instructional level is at the elementary level (grades K-8).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE GRADES	1803

ESL OR DUAL LANGUAGE SCIENCE-SECONDARYShort Name**ESL SCI S**Course Code**310131**

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in science for students whose instructional level is at the secondary level (grades 9-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

BIOLOGY	1303
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE GRADES	1803
SCIENCE	1301

ENGLISH AS A SECOND LANGUAGE**ESL OR DUAL LANGUAGE SOCIAL STUDIES-ELEMENTARY**Short Name**ESL SOC E**Course Code**310150**

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in social studies for students whose instructional level is at the elementary level (grades K-8).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE GRADES	1803

ESL OR DUAL LANGUAGE SOCIAL STUDIES-SECONDARYShort Name**ESL SOC S**Course Code**310151**

A special course designed to provide students who are learning the English language with subject matter knowledge reflecting the Nebraska State Standards in social studies for students whose instructional level is at the secondary level (grades 9-12).

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE GRADES	1803
SOCIAL SCIENCE	1501

SUPPLEMENTAL CURRICULUM

SUPPLEMENTAL READING

Short NameCourse Code

SUPP READ

290101

Similar to Title I Reading (250101) except that the class is locally funded and the class is designed to meet the special needs of educationally disadvantaged children. The children must receive services of the same nature and scope as those provided under Title I.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement Name****Endorsement Number**

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GRADES	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508
SECONDARY ENGLISH	0512
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

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SUPPLEMENTAL CURRICULUM

SUPPLEMENTAL MATHEMATICS

Short Name

Course Code

SUPP MATH

290102

Similar to Title I Mathematics (250102) except that the class is locally funded and the class is designed to meet with special needs of educationally disadvantaged children. The children must receive services of the same nature and scope as those provided under Title I.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MATHEMATICS	1100
MIDDLE GR/MATHEMATICS	1818
MIDDLE GRADES	1803
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED INCLUSION/COLLAB SPC SUBJ	1906

SPECIAL EDUCATION**SPECIAL EDUCATION ART-K-12 (PAC 1161)**Short NameCourse Code**SE ART****190215**

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences for students with disabilities in the areas of art processes, media and appreciation. It may include experiences in two or three-dimensional work, or new and emerging media. This course code is to be used for all art classes modified and designed specifically for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.,

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ART	0200
ELEMENTARY	1801
GENERAL ART	0201
MIDDLE GR/ART	1811
MIDDLE GRADES	1803

SPECIAL EDUCATION ART-(PAC 1162)Short NameCourse Code**SEART AL****190230**

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of art processes, media and appreciation. It may include experiences in two or three dimensional work, or new and emerging media. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code,

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement NameEndorsement Number

ART	0200
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
GENERAL ART	0201
MIDDLE GR/ART	1811
MIDDLE GRADES	1803

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SPECIAL EDUCATION		

SPECIAL EDUCATION LANGUAGE ARTS -K-12 (PAC1161)

Short Name

SE LNG

Course Code

190515

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide students with disabilities subject matter and experience in the area of language arts, including the full range of language experiences i.e. reading, writing, speaking and listening skills for students with disabilities. This course code is to be used for all language arts classes modified and designed specifically for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code,

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GRADES	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508

SPECIAL EDUCATION LANGUAGE ARTS-(PAC 1162)

Short Name

SE LNG AL

Course Code

190530

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experience in the area of language arts, including the full range of language experiences i.e. oral, listening, reading and writing skills. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
ENGLISH	0501
ENGLISH LANGUAGE ARTS	0502
MIDDLE GR/LANGUAGE ARTS	1817
MIDDLE GRADES	1803
READ AND WRITING	0511
READ AND WRITING	0521
READING SPECIALIST	0508

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SPECIAL EDUCATION

SPECIAL EDUCATION MATHEMATICS-K-12 (PAC 1161)

Short Name

Course Code

SE MATH

191115

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide the skills and understanding associated with number processes and developing mathematical skills for students with disabilities. Students have the opportunity to apply the math concepts to personal finance, business and money management situations. This course is to be used for all math classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ELEMENTARY

1801

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

MIDDLE GRADES

1803

SPECIAL EDUCATION MATHEMATICS - (PAC 1162)

Short Name

Course Code

SE MATH AL

191130

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities the skills and habits associated with understanding number processes and developing basic mathematical skills. Students have the opportunity to apply the math concepts to money management situations. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE

1804

EARLY CHILDHOOD EDUCATION

1802

EARLY CHILDHOOD EDUCATION

1830

ELEMENTARY

1801

MATHEMATICS

1100

MIDDLE GR/MATHEMATICS

1818

MIDDLE GRADES

1803

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SPECIAL EDUCATION		

SPECIAL EDUCATION MUSIC-K-12 (PAC 1161)

Short Name

Course Code

SE MUS

191215

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences for students with disabilities in the areas of vocal music, instrumental music, performance, and music appreciation. This course code is to be used for all music classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ELEMENTARY	1801
INSTRUMENTAL MUSIC	1202
MUSIC	1201
VOCAL MUSIC	1203

SPECIAL EDUCATION MUSIC-(PAC 1162)

Short Name

Course Code

SE MUS AL

191230

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of vocal music, instrumental music, performance, and music appreciation. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
INSTRUMENTAL MUSIC	1202
MIDDLE GRADES	1803
MUSIC	1201
VOCAL MUSIC	1203

COURSE CODES AND CLEARING ENDORSEMENTS	Page 252	Revised April 2017
SPECIAL EDUCATION		

SPECIAL EDUCATION SCIENCE-K-12 (PAC 1161)

Short Name

Course Code

SE SCI

191315

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter and experiences in the areas of biology, physical and earth sciences for students with disabilities. This course code is to be used for all science classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

BIOLOGY	1303
EARTH AND SPACE SCIENCE	1305
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE GRADES	1803
SCIENCE	1301

SPECIAL EDUCATION SCIENCE-(PAC 1162)

Short Name

Course Code

SE SCI AL

191330

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of biology, physical and earth sciences. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GR/NATURAL SCIENCES	1819
MIDDLE GRADES	1803
SCIENCE	1301

COURSE CODES AND CLEARING ENDORSEMENTS	Page 253	Revised April 2017
SPECIAL EDUCATION		

SPECIAL EDUCATION SOCIAL STUDIES-K-12 (PAC 1161)

Short Name

SE SOC

Course Code

191515

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide subject matter dealing with the elements and structures of human society which may include economics, geography, history, citizenship, government and other social studies related disciplines for students with disabilities. This course code is to be used for all social studies classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

ELEMENTARY	1801
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE GRADES	1803
POLITICAL SCIENCE	1507
SOCIAL SCIENCE	1501

SPECIAL EDUCATION SOCIAL STUDIES-(PAC 1162)

Short Name

SE SOC AL

Course Code

191530

** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide students with significant cognitive disabilities subject matter dealing with the elements and structures of human society which may include economics, geography, history, citizenship and other social studies related disciplines. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
HISTORY	1505
MIDDLE GR/SOCIAL SCIENCE	1820
MIDDLE GRADES	1803
SOCIAL SCIENCE	1501

COURSE CODES AND CLEARING ENDORSEMENTS	Page 254	Revised April 2017
SPECIAL EDUCATION		

SPECIAL ED FUNCTIONAL SKILLS AND ACTIVITIES (PAC 1162)	<u>Short Name</u> SE FUNCT	<u>Course Code</u> 192000
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** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1162**

RESPONSIBLE FOR TEACHING SPECIAL EDUCATION STUDENTS WITH THE MOST SIGNIFICANT COGNITIVE DISABILITIES, THOSE STUDENTS WHO PARTICIPATE IN A FUNCTIONAL, LIFE-SKILLS CURRICULUM. STUDENTS PARTICIPATE IN A THE SPECIAL EDUCATION ALTERNATE ASSESSMENT BASED ON SPECIAL EDUCATION ALTERNATE STANDARDS.

A special course designed to provide the opportunity to acquire survival skills and habits necessary in daily living for students with disabilities. This course code is to be used for all functional skill and activity classes modified and designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BEHAVIOR DISORDERED	1905
DEAF OR HARD OF HEARING/SUBJCT	1901
EARLY CHILD INCLUSIVE	1804
SEC TRANSITION SPECIALIST	2502
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED FUNCT ACAD SKILLS/IND LIV	1914
SPED INCLUSION/COLLAB SPC SUBJ	1906
SPEECH-LANGUAGE PATH	1908
VISUAL IMPAIRMENT	1902
VOC SPECIAL NEEDS	2305

COURSE CODES AND CLEARING ENDORSEMENTS	Page 255	Revised April 2017
SPECIAL EDUCATION		

SPECIAL EDUCATION INDEPENDENT LIVING-K-12 (PAC 1161)	<u>Short Name</u> SE IND LV	<u>Course Code</u> 192015
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** NDE CURRICULUM REPORT FOR SPECIAL EDUCATION TEACHERS - POSITION ASSIGNMENT CODE (PAC) 1161**

RESPONSIBLE FOR INSTRUCTION OF SPECIAL EDUCATION ELEMENTARY AND/OR SECONDARY STUDENTS AND SERVE AS TEACHERS WHO ARE SOLELY RESPONSIBLE FOR DELIVERING ACADEMIC CONTENT AND ASSIGNING GRADE(S). THE STUDENTS PARTICIPATE IN A MODIFICATION OF GENERAL CURRICULUM AT AN INSTRUCTIONAL LEVEL BELOW THEIR GENERAL EDUCATION PEERS.

A special course designed to provide the opportunity to acquire effective independent living, self advocacy and survival skills with a focus on interconnection of family, career and community for students with disabilities. This course code is to be used for all independent living classes modified and designed for students with disabilities and is appropriate regardless of grade level (K-12). Report actual grade level for "grade taught" code.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
BEHAVIOR DISORDERED	1905
DEAF OR HARD OF HEARING/SUBJCT	1901
EARLY CHILD INCLUSIVE	1804
SEC TRANSITION SPECIALIST	2502
SPECIAL EDUCATION	1913
SPED EARLY CHLDHOOD	1916
SPED FUNCT ACAD SKILLS/IND LIV	1914
SPED INCLUSION/COLLAB SPC SUBJ	1906
SPEECH-LANGUAGE PATH	1908
VISUAL IMPAIRMENT	1902
VOC SPECIAL NEEDS	2305

PHYSICAL EDUCATION, ADAPTIVE	<u>Short Name</u> ADAPTPE	<u>Course Code</u> 193000
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A diversified program of developmental activities, games, sports, and rhythms suited to the interest, capacities and limitations of students who may not safely or successfully engage in unrestricted participation in the activities of the general physical education program.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

<u>Endorsement Name</u>	<u>Endorsement Number</u>
ADAPTED PHYS ED	0805

COURSE CODES AND CLEARING ENDORSEMENTS	Page 256	Revised April 2017
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SPECIAL EDUCATION

SPECIAL EDUCATION IN-HOME SETTING

Short Name

Course Code

HBSPED

194000

Responsible for teaching/coaching parents and families of young children with disabilities birth to kindergarten eligible entrance age in the child's home.

A course designed to provide the opportunity for young children and their families to acquire knowledge and skills to support the child's activities in home and community settings. See course code 180005 for Non-Sped Home-based Program if course is for non-special ed.

GRADES PRE-K

See endorsements below, if staff reported are Primary Service Providers (selected from the IEP or IFSP team), any additional special education endorsements or licensure will clear this course. If the staff has an Early Childhood (1802 and/or 1830) endorsement, they must also have a special education endorsement.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

EARLY CHILD INCLUSIVE

1804

EARLY CHILDHOOD EDUCATION

1830

SPED EARLY CHLDHOOD

1916

SPED EARLY INTRVNTN SPEC

1922

SPECIAL EDUCATION STUDY SKILLS

Short Name

Course Code

THIS COURSE OFFERING FOR STUDENTS WITH DISABILITIES,

USE COURSE CODE 260300 (STUDY SKILLS) FOUND ON PAGE 110 OF "COURSE CODES AND CLEARING ENDORSEMENTS" UNDER PERSONAL DEVELOPMENT.

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:

Endorsement Name

Endorsement Number

SELF-CONTAINED CLASSROOM**SELF-CONTAINED CLASSROOM**Short Name**SELF-C**Course Code**180000**

A group of students under the primary direction of one teacher for a majority of the school day and for a majority of the subject-matter areas of the curriculum.

This code may be used at grade levels PK-8 only.

GRADES PRE-K-8

Early Childhood Education (Pre-3)

Elementary (K-8)

Middle Grades (4-9)

Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:Endorsement NameEndorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
ELEMENTARY	1801
MIDDLE GRADES	1803
SPED EARLY CHLDHOOD	1916
SPED EARLY INTRVNTN SPEC	1922

HOME-BASED PROGRAM (NON SPED)Short Name**HBNSPED**Course Code**180005**

Type of early childhood program that specifically provides home visiting services to children birth to kindergarten eligible entrance age. These services are primarily delivered in the home of the family.

A course designed to provide the opportunity for young children and their families to acquire knowledge and skills to support the child's development and active participation in the family's everyday routines and activities in home and community settings. See course code 194000 for Special Education In Home setting.

GRADES PRE-K**Clearing Endorsement - - - Endorsement Level must be in accord with student grade level:**Endorsement NameEndorsement Number

EARLY CHILD INCLUSIVE	1804
EARLY CHILDHOOD EDUCATION	1802
EARLY CHILDHOOD EDUCATION	1830
SPED EARLY CHLDHOOD	1916
SPED EARLY INTRVNTN SPEC	1922

Course Codes and Clearing Endorsements - Change Summary

Version 8.0.0

April 17, 2017

Numerous changes have been made to course descriptions and clearing endorsements.
Please check carefully before assigning a course code.

1. Course Codes Removed

080150 – Physical Education
080200 – Physical Education I
080300 – Physical Education II
080400 – Physical Education III
080500 – Physical Education IV
080600 – Physical Education, Specialized
080601 – Strength Training
089933 – Physical Education, Other
089934 – Physical Education, Other
090108 – Advanced Human Food, Nutrition & Wellness
270612 – Intermediate Digital Design
320400 – C4C - Curriculum For Careers
350015 – Early Childhood Education I
350020 – Early Childhood Education II

2. New Course Codes

011012 – MS Introduction To Ag, Food & Natural Resources
080107 – Foundations For Physical Education and Fitness
080108 – Beginning Swimming
080109 – Intermediate Swimming
080110 – Fitness Swimming and Aquatic Activities
080111 – Introduction to Strength & Conditioning
080112 – Intermediate Strength & Conditioning
080113 – Advanced Strength & Conditioning
080114 – Aerobic Training
080115 – Advanced Aerobic Training
080116 – Introduction to Dance
080117 – Hip-Hop Dance
080118 – Ballroom Dance
080119 – Dance Performance
080120 – Lifetime Activities
080121 – Team Games

COURSE CODES AND CLEARING ENDORSEMENTS

**Revised
April
2017**

080122 – Outdoor Pursuits
080123 – Lifeguard Training & Water Safety Instruction Aide
080124 – Sport Officiating
080125 – Physical Education Elementary
080126 – Physical Education Middle School
090121 – Early Childhood Education and Services
090122 – Early Childhood Practicum
090123 – Human Growth and Development
090124 - Nutrition
090125 - Dietetics
090126 – Introduction To Design Principles
090127 – Families in Crisis
090128 – Careers In Mental Health
130422 – Integrated Science – Biology
130423 – Integrated Science – Chemistry
130424 – Independent Study
230803 – Study Hall
270701 – Computer Science A
270703 – Computer Science Principles
270704 – Foundations of Computing
270705 – Software Development
270706 – Web Design and Development
270707 - Cybersecurity
270708 – Project Lead The Way – Computer Science Principles
270709 – Project Lead The Way – Computer Science A
270710 – Project Lead The Way – Computer Science Essentials
270711 – Project Lead The Way - Cybersecurity
320702 – AFNR Work-Based Learning Experience
320703 – Arch and Constr Work-Based Learning Experience
320704 – Arts, AV & Com Work-Based Learning Experience
320705 – Business Mgmt Work-Based Learning Experience
320706 – Ed & Train Work-Based Learning Experience
320707 – Energy & Eng Work-Based Learning Experience
320708 – Finance Work-Based Learning Experience
320709 – Govt, Public Admin Work-Based Learning Experience
320710 – Health Science Work-Based Learning Experience
320711 – Hospitality & Tourism Work-Based Learning Experience
320712 – Human Services/FACS Work-Based Learning Experience
320713 – Information Technology Work-Based Learning Experience
320714 – Law, Public Safety Work-Based Learning Experience
320715 – Manufacturing Work-Based Learning Experience

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2017

320716 – Marketing Work-Based Learning Experience
320717 – Transportation Work-Based Learning Experience
320718 – English/Language Arts Work-Based Learning Experience
320719 – Mathematics Work-Based Learning Experience
320720 – Science Work-Based Learning Experience
320721 – Social Studies Work-Based Learning Experience

3. Course Codes with Name Changes

090101 – changed to: Introduction to Human Services/FACS
(was: Introduction to Human Services)
090103 – changed to: Textile Constructions
(was: Textiles Construction and Design)
090107 - changed to: Fundamentals of Food and Nutrition
(was: Human Food, Nutrition & Wellness)
090109 – changed to: Home Design and Interiors
(was: Housing and Interior Design)
090116 – changed to: Interpersonal Relationships
(was: Relationships)
090117 – changed to: Parents and Family
(was: Parenting Decisions)
090206 – changed to: Fashion Design
(was: Fashion Design and Marketing)
099930-099934 – changed to: Human Services/FACS, other
(was: Human Services, other)
130420 – changed to: Integrated Science-Physical Science
(was: Physical Science)
270601 – changed to: Networking
(was: Networking Systems)
270604 – changed to: Foundations of Web Design
(was: Web Design)
270609 – changed to: Video Production
(was: Media Production I)
270610 – changed to: Media Production
(was: Media Production II)
270611 – changed to: Digital Design
(was: Introduction to Digital Design)
320700 – changed to: Other Work-Based Learning Class
(was: Work-Based Learning/COOP/DO Class)
320701 – changed to: Other Work-Based Learning Experience
(was: Work-Based Learning/COOP/DO Experience)

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2017

- 350001 – changed to: Introduction to Education and Training
(was: Exploring Education and Training)
- 350002 – changed to: Best Practices in Education and Training
(was: Human Growth and Development)
- 350010 – changed to: Field Experience in Education and Training
(was: Experiencing Teaching)

4. Course Description changes

- 077300 – Health Sciences I
- 077301 – Health Sciences II
- 077302 – Health Sciences III
- 077303 – Personal and Community Medical Issues/Public Health
- 077304 – Exploring The Clinical Lab
- 077400 – Nursing Assistant/CAN
- 077401 – Medical Aide
- 077444 – Pharmacy Technician
- 077446 – Phlebotomy Technician
- 077500 – Introduction to Sports Medicine
- 077600 – Medical Terminology
- 077601 – Exercise Science
- 077701 – Performance Nutrition
- 077702 – Human Life Cycle Nutrition
- 077800 – Health Information Technology
- 077801 – Behavioral Health I
- 077802 – Behavioral Health II
- 077812 – Health Information Management and Ethics
- 077900 – Allied Health and Medicine
- 089930-089932 – Physical Science, Other
- 090005 – Family and Consumer Sciences 6
- 090006 – Family and Consumer Sciences 7
- 090007 – Family and Consumer Sciences 8
- 090101 – Introduction to Human Sciences/FACS
(previously: Introduction to Human Sciences)
- 090103 – Textile Construction
(previously: Textiles Construction and Design)
- 090104 – Life and Career Readiness
- 090107 – Fundamentals of Food and Nutrition
(previously: Human Food, Nutrition & Wellness)
- 090109 – Home Design and Interiors
(previously: Housing and Interior Design)

COURSE CODES AND CLEARING ENDORSEMENTS

**Revised
April
2017**

090113 – Food Science
090116 – Interpersonal Relationships
(previously: Relationship)
090117 – Parents and Families
(previously: Parenting Decisions)
090119 – Child Development
090206 – Fashion Design
(previously: Fashion Design and Marketing)
090207 – The Business to Textiles
090208 – Leadership and Ethics in Human Services
090209 – Consumer Economics
130420 – Integrated Science- Physical Science
(previously: Physical Science)
270604 – Foundations of Web Design
(previously: Web Design)
270613 – Advanced Digital Design
320700 – Other Work-Based Learning Class
(previously: Work-Based Learning/COOP/DO Class)
320701 – Other Work-Based Learning Experience
(previously: Work-Based Learning/COOP/DO Experience)
350001 – Introduction to Education and Training
(previously: Exploring Education and Training)
350002 – Best Practices in Education and Training
(previously: Human Growth and Development)
350010 – Field Experience in Education and Training
(previously: Experiencing Teaching)
370021 – Culinary Skills 1
370022 – Culinary Skills 2
370030 – Prostart 1
370031 – Prostart 2
379930-379934 – Hospitality and Tourism, Other

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2017

Endorsement s codes have been ADDED/REMOVED for the following course codes

059930 – English Language Arts, Other

Added: 0512

077446 - Phlebotomy Technician

Added: 1303, 1301

Removed: 0903, 1501

019930-019934 – Agriculture, Food and Natural Resources, Other

Removed: 1810

359930-359934 – Education and Training, Other

Removed: 0903

Section Name Changes

New: HUMAN SERVICES/FACS

old: Human Services/FCS

Course Codes and Clearing Endorsements - Change Summary

Version 7.0.0

June 8, 2016

Numerous changes have been made to course descriptions and clearing endorsements.

Please check carefully before assigning a course code.

1. Course Codes Removed

077700 - Clinical Nutrition (please refer to new code 077702 – Human Life Cycle Nutrition)

090001 – Exploratory Family and Consumer Sciences

090002 – Introduction to Family and Consumer Sciences

090003 – FCS and Career Essentials

139931 – 139934 – Science, Other (139930 - Science, Other is still available)

230601 – Spanish for Native Speakers (please refer to 2 new codes available:

060249 – Spanish For Native Speakers I

060250 – Spanish For Native Speakers II

2. New Course Codes

050052 - IB Language A – (English)

060108 - Latin III

060109 - Latin IV

060227 - IB Language A - French

060228 - IB Language B – French

060237 - IB Language A - German

COURSE CODES AND CLEARING ENDORSEMENTS

**Revised
April
2017**

060238 - IB Language B - German
060247 - IB Language A - Spanish
060248 - IB Language B - Spanish
060249 - Spanish for Native Speakers I
060250 - Spanish for Native Speakers II
077201 - PLTW Medical Detectives
077446 - Phlebotomy Technician
077702 - Human Life Cycle Nutrition
077801 - Behavioral Health I
077802 - Behavioral Health II
077803 - PLTW Principles of Biomedical Science I
077804 - PLTW Principles of Biomedical Science II
077805 - PLTW Human Body Systems I
077806 - PLTW Human Body Systems II
077807 - PTLW Medical Interventions I
077808 - PTLW Medical Interventions II
077809 - PTLW Biomedical Innovation I
077810 - PTLW Biomedical Innovation II
077812 - Health Information Management and Ethics
090005 - Family and Consumer Sciences 6
090006 - Family and Consumer Sciences 7
090007 - Family and Consumer Sciences 8
110623 - IB Mathematical Studies
110624 - IB Mathematics
110625 - IB Further Mathematics - SL
110626 - IB Mathematics & Computing - SL
130195 – Advanced Robotics
130211 - IB Biology
130212 - Botany
130213 - Genetics
130214 - Micro Biology
130215 - Zoology
130216 - Conceptual Biology
130217 - Particular Topics In Biology
130218 - Biology - Other
130308 - IB Chemistry
130309 - Conceptual Chemistry
130310 - Particular Topics In Chemistry
130311 - Chemistry - Other
130312 - Astronomy
130313 - Earth and Space Science

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2017

130314 - Particular Topics in Earth Science
130315 - Earth Science - Other
130316 - Marine Science
130317 - Forensic Science
130416 - IB Physics
130417 - Conceptual Physics
130418 - Particular Topics in Physics
130419 - Physics - Other
130420 - Integrated Science
130421 – Applied Biology/Chemistry
152000 - Holocaust History
152001 - IB History
152002 - IB Psychology
152003 - IB Theory of Knowledge
270702 - Advanced Placement Computer Science Principles
320701 - Work-based Learning/Coop/DO Experience

3. Course Codes with Name Changes

060246 - changed to: Advanced Placement Spanish and Culture
(was: Advanced Placement Spanish)
077300 - changed to: Health Sciences I
(was: Introduction to Health Sciences)
077301 - changed to: Health Sciences II
(was: Advanced Health Sciences)
077302 - changed to: Health Sciences II
(was: Health Sciences Careers)
077700 - changed to: Human Life Cycle
(was: Clinical Nutrition)
090206 - changed to: Fashion Design and Marketing
(was: Fashion Design)
130201 - changed to: Biology
(was: Biology I)
130202 - changed to: Biology – Advanced Studies
(was: Biology II)
130301 - changed to: Chemistry
(was: Chemistry I)
130303 - changed to: Physics
(was: Physics I)
320700 - changed to: Work-Based Learning/COOP/DO Class
(was: Work-Based Learning/COOP/DO)

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2017

4. Course Description changes

060246 - Advanced Placement Spanish & Culture
077402 - Emergency Medical Technician
100160 - PLTW Principles of Engineering
100161 - PLTW Introduction to Engineering Design
100162 - PLTW Civil Engineering Design
100163 - PLTW Engineering Design and Development
100164 - PLTW Aerospace Engineering
100165 - PLTW Biotechnical Engineering
100403 - PLTW Digital Engineering
101901 – PLTW Computer Integrated Manufacturing
130202 - Biology – Advanced Studies (was previously Biology II)
130302 - Chemistry – Advanced Studies
130307 - Physics – Advanced Studies
150800 - World History
150820 - American History
151110 - American Government
320700 – Work-Based Learning/Coop/DO Class

5. Endorsements code name changes

0700 – New: Health Sciences (Previous: Health Occupations)

6. Endorsement s codes have been added for the following course codes

Health Sciences area and Skilled and Technical Sciences area have had multiple changes for courses – Please review each course carefully for changes.

270608 – Introduction to Media – 0304, 2701

270609 – Medical Production I – 0304, 2701

270610 – Media Production II – 0304, 2701

Version 6.0.0

July 22, 2015

**Numerous changes have been made to course descriptions and clearing endorsements.
Please check carefully before assigning a course code.**

1 Course Codes Removed

270701 – Advanced Placement Computer Science B

320500 – Exploration of Business and Entrepreneurship

Removed from: Career Education Foundational & Specialty

Still available as 032350 under Business, Marketing and Management

COURSE CODES AND CLEARING ENDORSEMENTS

Revised
April
2017

2. New Course Codes

011013 – Agricultural Biology
032604 – College Entrepreneurship Financial Topics
032605 – College Entrepreneurship Business Plan
038502 – College Macroeconomics
038503 – College Microeconomics
077444 – Pharmacy Fundamental
077601 – Exercise Science
077701 – Sport Nutrition
077900 – Allied Health and Medicine
110622 – College Technical Mathematics
320300 – Engage! Career Exploration and Readiness

3. Course Codes with Name Changes

077300 – changed to: Introduction to Health Sciences
(was: Introduction to Health Science)
077301 – changed to: Advanced Health Sciences
(was: Advanced Health Science)
077302 – changed to: Health Sciences Careers
(was: Health Science Careers)
077402 – changed to: Emergency Medical Tech
(was: Emergency Medical Tech – Basic)

4. Endorsements have been changed for the following course codes

320100 – Middle School Career Development
Remove: 8888
Add: 0100, 0301, 0304, 0903, 1000, 1810, 1812, 1813, 1816, 2501
320101 – High School Career Development
Remove: 8888
Add: 0100, 0301, 0304, 0903, 1000, 1810, 1812, 1813, 1816, 2501
032300 – Entrepreneurship
Add: 0304
032600 – College Introduction to Entrepreneurship
Add: 0304
090116 – Relationships
Remove: 1813
190530 – Special Education Language Arts – (PAC 1162)
Add: 0501, 0502, 0511, 0521
191130 – Special Education Mathematics – (PAC 1162)
Add: 1100

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191330 – Special Education Science – (PAC 1162)

Add: 1301

191530 – Special Education Social Studies – (PAC 1162)

Add: 1501 and 1505

Version 5.0.0

April 9, 2014

Numerous changes have been made to course descriptions and clearing endorsements.
Please check carefully before assigning a course code.

1. **Course codes removed:**

012000 – Horticulture

100131 – Introduction to Architecture Technology

100150 – Restoration and Repair of Existing Structure

100404 – Electricity in the Construction Industry

100500 – Technology Education

100501 – Gateway to Technology

100503 – Principles of Technology

100800 – Principles of Maintenance and Operations

101910 – Advanced Mechatronics

103170 – PLTW Computer Integrated Manufacturing

2. **New Course Codes:**

016004 – Welding

018049 – Environmental Science

100402 – Advanced Electronics

270701 – Advanced Placement Computer Science B

135021 – Advanced Placement Physics 1: Algebra-Based

135022 – Advanced Placement Physics 2: Algebra-Based

230801 – Advanced Placement Research

230802 – Advanced Placement Seminar

3. **Course Codes with Name Changes:**

011007 – changed to – **Plant Science/Horticulture**

(was Plant Science)

017000 – changed to – **Leadership & Ethics in Agriculture**

(was Leadership)

018080 – changed to – **FNS: Food Production, Nutrition and Health**

(was PFT, Food Production, Nutrition and Health)

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018081 – changed to – **FNS: Food Science**

(was PFT, Food Science)

018082 – changed to – **FNS: Nutrition Science**

(was PFT, Nutrition Science)

018083 – changed to – **FNS: Food and Nutrition Science, Research and Development**

(was PFT, Food and Nutrition Science, Research and Development)

090103 – changed to – **Textiles, Construction and Design**

(was Textiles Foundations)

090208 – changed to – **Leadership and Ethics in Human Services**

(was Community and Career Leadership)

100110 – changed to – **Principals of Construction Technology**

(was Principles of Construction)

100120 – changed to – **Advanced Construction Technology**

(was Advanced Construction)

100130 – changed to – **Introduction to Architecture and Construction**

(was Language of Architecture and Construction (CADD))

100141 – changed to – **Applications in Design and Pre-Construction**

(was Computer Aided Drafting)

100401 – changed to – **Introduction to Electronics**

(was Electronics-Comprehensive)

100405 – changed to – **Electricity**

(was Electricity-Comprehensive)

101600 – changed to – **Introduction to Energy, Power and Transportation Systems**

(was Intro-Transportation, Distribution and Logistics)

103191 – changed to – **Introduction to Engineering**

(was Introduction of Engineering)

103194 – changed to – **Robotics**

(was Robotics 1)

270505- changed to – **CISCO I: Introduction to Networks**

(was CISCO I: IT Essentials – PC Hardware and Software)

270506 – changed to – **CISCO II: Routing and Switching Essentials**

(was CISCO II: CCNA Discovery)

270507 – changed to – **CISCO III: Scaling Networks**

(was CISCO III: CCNA Exploration)

4. **Endorsement Name Changes:**

0510 – JOURNALISM AND MEDIA EDUCATION (was JOURN AND MASS COMM)

0502 – ENGLISH LANGUAGE ARTS (was LANGUAGE ARTS)

1301 – SCIENCE (was NATURAL SCIENCE)

1804 – EARLY CHILDHOOD INCLUSIVE (was EARLY CHILD UNIFIED)

1913 – SPECIAL EDUCATION (was MILD/MODERATE DISABILITIES)

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1916 – SPED EARLY CHILDHOOD (was EARLY CHILDHOOD SPEC ED)

8888 – OTHER ENDORSEMENTS (Where “Other Endorsements” appear, replace with “OTHER ENDORSEMENTS”
(formatting/consistency)

5. **Endorsement Codes Removed:**

0303 – GENERAL OFFICE EDUC

0504 – SPEECH AND THEATRE

1302 – GENERAL SCIENCE

1304 – PHYSICAL SCIENCE

1310 – SCIENCE

1900 – PRE-SCHOOL HDCEP

1915 – PRE-SCHOOL DISABILITIES

2301 – LANGUAGE-SOC SCI

6. **NEW Endorsement Codes:**

0512 – Secondary English

1830 – Early Childhood Education (1802 is also still active until phased out)

0520 – Journalism and Media Education (0510 is also still active until phased out)

0521 – Read and Writing (0511 is also still active until phased out)

0522 – Speech (0506 is also still active until phased out)

0523 – Theatre (1204 is also still active until phased out)

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Version 4.0.0**March 19, 2013****1. Course codes removed:**

- 210101 – Drivers Ed – Behind the Wheel
- 210102 – Drivers Ed – Classroom Instruction

2. Subject area removed:

Title I – All courses under this subject area have been removed.

3. New Course Codes:**Agriculture, Food and Natural Resources (01):**

- 018060 – CASE Introduction to Agriculture, Food & Natural Resources
- 018061 – CASE Plant Science
- 018602 – CASE Animal Science
- 018063 – CASE Animal & Plant Biotechnology
- 018080 – PFT Food Production, Nutrition and Health
- 018081 – PFT Food Science
- 018082 – PFT Nutrition Science
- 018083 – PFT Food and Nutrition Science, Research and Development

Visual and Performing Arts (ART) (02):

- 020503 – AP Art History

Human Services/FCS (09):

- 090101 – Introduction to Human Science/FCS
- 090207 – The Business of Textiles

Driver Education/Safety Education (21)

- 210105 – Driver Education

Communication & Information Systems (27)

- 270505 – CISCO I: IT Essentials-PC Hardware and Software
- 270506 - CISCO II: CCNA Discovery
- 270507 – CISCO III: CCNA Exploration

4. Endorsements Removed:

- 2510 – School Nurse from all courses under Subject Area Health Science.
- 0503 - Journalism

Version 3.1.1**April 20, 2012**

Endorsement number has been corrected on Course Code 060236 AP German & Culture.

Correct endorsement number is 0602 (not 1915)

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Version 3.1

February 27, 2012

Endorsements have been added to the following course codes:

<u>038500</u> Advanced Placement Macroeconomics	1501	Social Science
<u>038501</u> Advanced Placement Microeconomics	1501	Social Science
<u>270700</u> Advanced Placement Computer Science A	0304	Business, Marketing, Info Tech
<u>150750</u> Advanced Placement Geography	1501	Social Science
<u>150805</u> Advanced Placement World History	1501	Social Science
<u>150806</u> Advanced Placement European History	1501	Social Science
<u>150830</u> Advanced Placement US History	1501	Social Science
<u>151210</u> Advanced Placement Psychology	1501	Social Science

Version 3.0

August 17, 2011

**Numerous changes have been made to course descriptions and clearing endorsements.
Please check carefully before assigning a course code.**

1. General information

- a. Certificate/Endorsement Levels

2. General Information

- a. For Provisional Certificates
- b. Middle Grades (change)
- c. Elementary (added new)

3. New Subject Areas and Course Codes in those areas

Education and Training (35)

- 350001 - Introduction to Education
- 350010 - Experiencing Teaching
- 350015 - Early Childhood Education I
- 350020 - Early Childhood Education II
- 359930 – 359934 - Education and Training, Other

Hospitality and Tourism (37)

- 370010 - Hospitality and Tourism
- 370015 - Food Service Management I
- 370020 - Food Service Management II
- 379930 – 379934 – Hospitality and Tourism, Other

Law, Public Safety and Security (39)

- 390010 - Foundation of Law, Public Safety, Corrections and Security
- 390015 - Introduction to Criminal Justice

COURSE CODES AND CLEARING ENDORSEMENTS

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390020 - Introduction to Fire & Emergency Services
390025 - Courts and Judicial Process
399930 – 399934 – Law, Public Safety and Security, Other

4. New Course Codes

Agriculture, Food and Natural Resources (01)

018050 – Advanced Placement Environmental Science

Visual & Performing Arts (Art) - (02)

020500 – Advanced Placement Studio Art: 2D Design

020501 – Advanced Placement Studio Art: 3D Design

020502 – Advanced Placement Studio Art: Drawing

Business, Marketing and Management (03)

038500 – Advanced Placement Macroeconomics

038501 – Advanced Placement Microeconomics

English Language Arts (05)

050050 – Advanced Placement English Language & Composition

050051 – Advanced Placement English Literature & Composition

050315 – Advanced Placement Spanish Literature

World Language (06)

060107 – Advanced Placement Latin: Vergil

060226 – Advanced Placement French & Culture

060236 – Advanced Placement German & Culture

060246 – Advanced Placement Spanish Language

060253 – Advanced Placement Japanese & Culture

060276 – Advanced Placement Chinese & Culture

Health Science (07)

077302 – Advanced Studies in Health Science

077303 – Personal and Community Medical Issues

077304 – Exploring the Clinical Lab

077401 – Medication Aide

077402 – Emergency Medical Tech – Basic

077800 - Health Information Technology

Skilled and Technical Science (10)

100407 – Energy Generation and Distribution

100706 – Exploring Skilled and Technical Science – 6th Grade

100707 - Exploring Skilled and Technical Science – 7th Grade

100708 - Exploring Skilled and Technical Science – 8th Grade

101601 - Emerging Technologies in Transportation and Logistics

101650 - Business Logistics

101951 - Adv Fabrication & Mfg – Plastics

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Mathematics (11)

- 110620 - Advanced Placement Calculus AB
- 110621 - Advanced Placement Calculus BC
- 111720 - Advanced Placement Statistics

Visual & Performing Arts (Music) (12)

- 120700 - Advanced Placement Music Theory

Natural Sciences (13)

- 135000 - Advanced Placement Biology
- 135010 - Advanced Placement Chemistry
- 135020 - Advanced Placement Physics

Social Sciences/Social Studies (15)

- 150750 - Advanced Placement Geography
- 150805 - Advanced Placement World History
- 150806 - Advanced Placement European History
- 150830 - Advanced Placement US History
- 151113 - Advanced Placement Government
- 151210 - Advanced Placement Psychology

Self-Contained Classroom (18)

- 180005 - Home-Based Program (non-Sped)

Special Education (19)

- 194000 - Special Education In-Home Setting

Communication & Information Systems (27)

- 270700 - Advanced Placement Computer Science A

Career Education, Foundational & Specialty (32)

- 329930 – 329934 - Career Education, Foundational & Specialty, OTHER

5. Course Codes Removed:

- 011001 – Comprehensive Agriculture/Natural Resources Animal Science
- 011002 – Comprehensive Plant and Soil Science
- 011003 – Comprehensive Agribusiness/Farm Management
- 013003 – Science of Earth Systems
- 013004 – Environmental Science
- 013005 – Ecology of Agriculture
- 014002 – Biotechnology in Food Products and Processing Systems
- 015000 – Agricultural Business Management
- 016004 – Agricultural Mechanics and Technology
- 035000 – Food Service Management I
- 035001 – Food Service management II
- 038300 – Hospitality and Tourism
- 090119 – Early Childhood Education I
- 090120 – Early Childhood Education II
- 090300 – Careers in Education

COURSE CODES AND CLEARING ENDORSEMENTS	Revised April 2017
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090310 – Experiencing Teaching
090400 – Law, Public Safety and Security
090410 – Introduction to Criminal Justice
090500 – Introduction to Fire and Emergency Services
100700 – Exploring Industrial, Manufacturing & Engineering Systems

Version 2.0

August 11, 2010

1. Added new Course Codes:
 - a. 230101 – JROTC
 - b. 320101 – HS Learning, Earning and Living Skills
2. Removed Course Code:
 - a. 230100 – ROTC
3. Subject Area Change:
 - a. Foreign Language changed to World Language
4. Endorsement Changes in Subject Areas:
 - a. Business, Marketing and Management
 - b. Career Education Foundational and Specialty
 - c. Industrial, Manufacturing and Engineering Systems