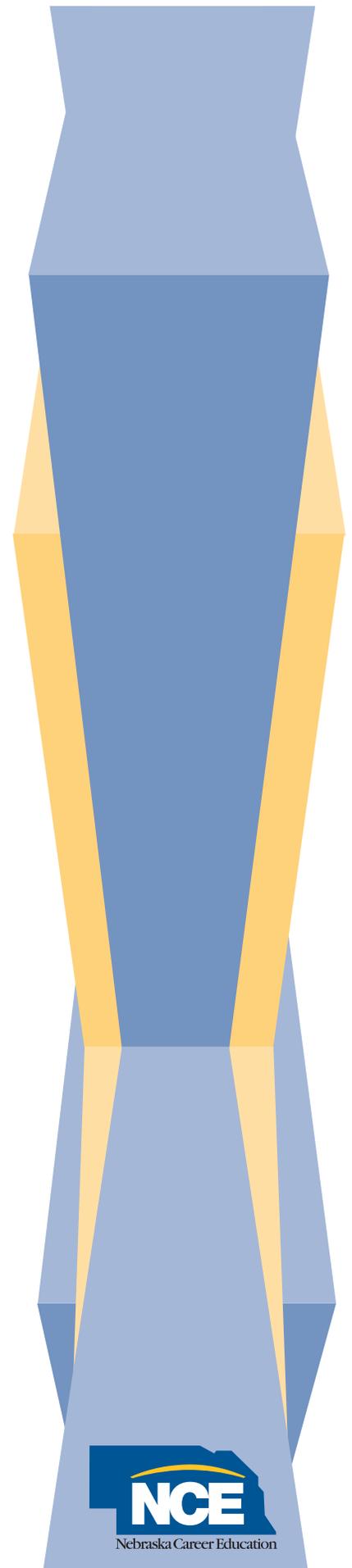


## Crosswalk Clusters to NDE Course Codes

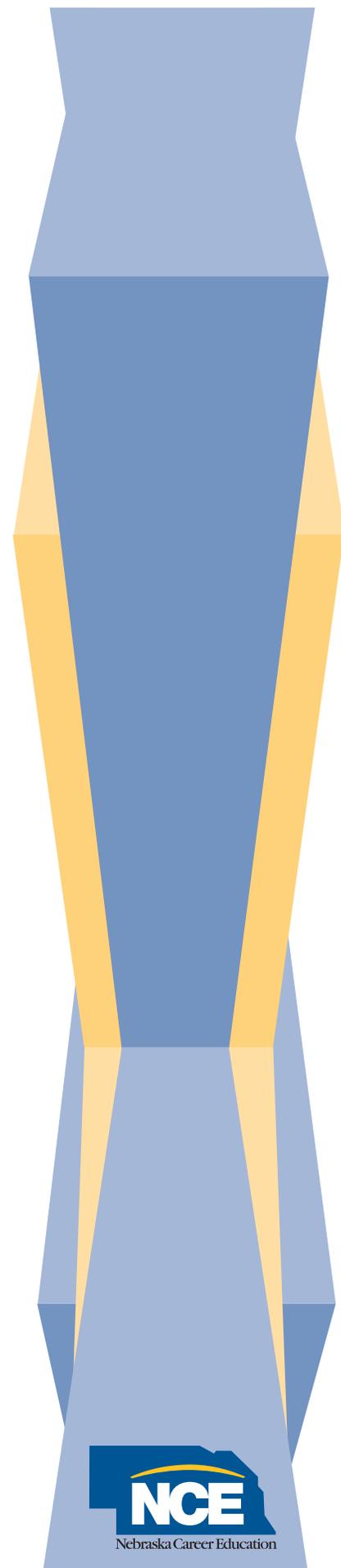
Agriculture, Food, and Natural Resources Systems	NDE Course Code #	Course Name
<p><b>CEAGFNRS</b> [Programs Fact: Programs Code (5)]                      Planning and managing agriculture, food, fiber, and natural resources systems. Production of agricultural commodities, including food, fiber, wood products, horticultural, crops, and other plant and animal products. Financing, processing, and marketing and distribution of agricultural products; farm production and supply and service industries; horticulture and landscaping services, and the use and conservation of land and water resources; development and maintenance of recreational resources. It also includes mining and extraction operations and related environmental management services.</p>	011000	Introduction to environmental and agriculture science
	011001	Comprehensive agriculture/natural resources animal science
	011002	Comprehensive plant and soil science
	011003	Comprehensive agribusiness/farm management
	011004	Animal science
	011005	Advanced animal science
	011006	Companion animals
	011007	Plant science
	011008	Advanced plant science
	011009	Agribusiness
	011010	Advanced agribusiness
	011011	Agricultural sales
	011014	Equine science
	011015	Veterinary science
	011016	Biotechnology in animal science
	012000	Horticulture
	012001	Landscape and nursery management
	012002	Floriculture
	012003	Turf management
	012004	Biotechnology in plant science
	013000	Natural resources
	013001	Wildlife management
	013002	Environmental service systems
	013003	Science of earth systems
	013004	Environmental science
	013005	Ecology of agriculture
	014000	Introduction to food science
	014001	Advanced food science
	014002	Biotechnology in food products and processing systems
	015000	Agricultural business management
	016000	Power, structural, and technical systems
	016002	Structural fabrication
	016003	Advanced power, structural and technical systems
	016004	Agricultural mechanics and technology
	016005	Metal fabrication
	017000	Leadership
	019930 –	Agriculture, other
	019934	



Architecture and Construction	NDE Course Code #	Course Name
<b>CEARCCON</b> [Programs Fact: Programs Code 5)] Designing, planning, managing, building, and maintaining physical structure and the larger built environment including roadways and bridges and industrial, commercial, and residential facilities and buildings.	100100	Introduction to the built environment
	100110	Principles of construction
	100120	Applications in construction
	100130	The language of architecture and construction
	100131	Introduction to architecture technology
	100140	Principles of design and pre-construction
	100141	Applications in design and pre-construction
	100150	Restoration and repair of existing structures
	100404	Electricity in the construction industry
	100405	Electricity - comprehensive
100800	Principles of maintenance and operations	

Arts, A/V, and Communication	NDE Course Code #	Course Name
<b>CEAVCOMM</b> [Programs Fact: Programs Code (5)] Designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services.	030601	Applied communication
	270200	Audio/video production
	270210	Digital photography
	270220	Publication journalism
	270230	Broadcasting
	270240	Desktop publishing
	270250	Printing technology
	270603	Graphic design

Business Management, and Administration	NDE Course Code #	Course Name
<b>CEBUSMGT</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing administrative support, information processing, accounting, and human resource management services and related management support services.	030500	Business math
	030600	Business communication
	030900	Business law
	031800	Business economics
	032300	Intro to business, marketing & mgmt
	032400	College introduction to business
	032600	College intro to entrepreneurship
	032802	Management and leadership
	034100	International business
	039930 - 039934	Business, marketing, & management, other

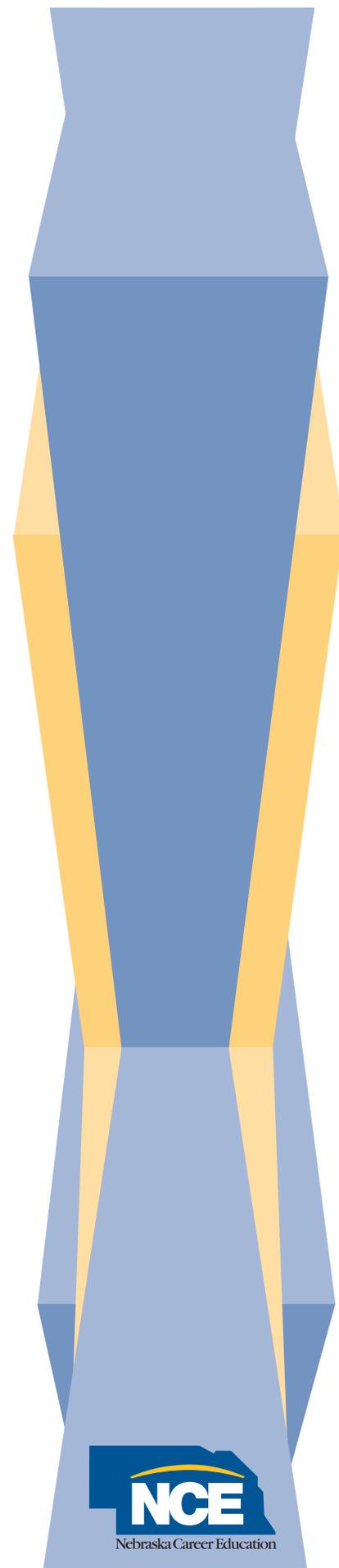


Education and Training	NDE Course Code #	Course Name
<b>CEEDUCAT</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing education and training services and related learning support services, including assessment and library and information services.	090119	Early childhood education I
	090120	Early childhood education II
	090300	Careers in education
	090310	Experiencing teaching

Finance	NDE Course Code #	Course Name
<b>CEFINANC</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing banking, investment, financial planning, and insurance services.	030300	Accounting
	030301	Accounting, advanced
	030302	College principles of accounting
	030801	Intro to risk management and insurance
	030802	Securities and insurance
	030803	Banking and credit
	033000	Personal finance
	033001	Business finance
	033002	College personal financial management

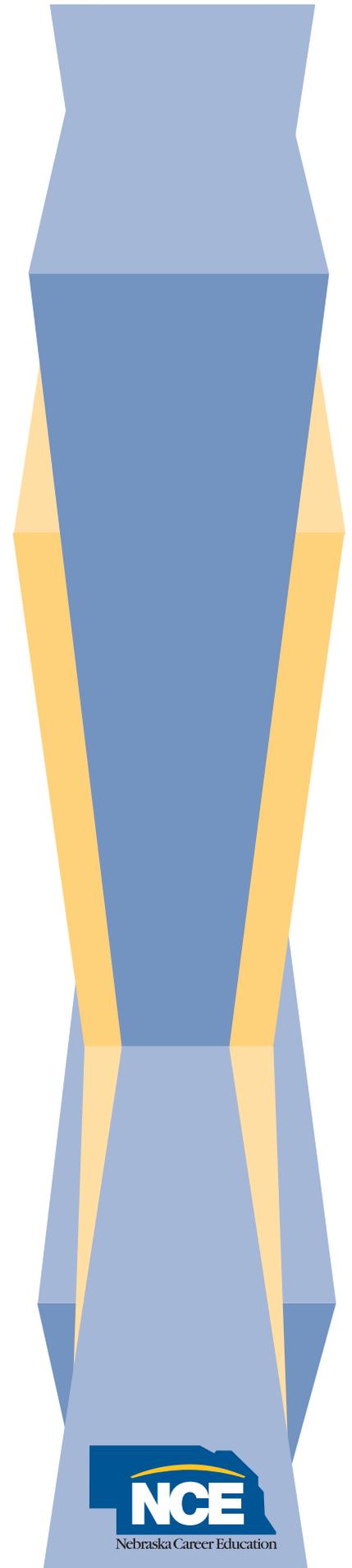
Government and Public Administration	NDE Course Code #	Course Name
<b>CEGOVTPA</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing government legislative and administrative and regulatory services and related general purpose government services at the federal, state, and local levels		

Health Sciences	NDE Course Code #	Course Name
<b>CEHEALTH</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing administrative support, information processing, accounting, and human resource management services and related management support services.	077200	Exploration of health sciences
	077300	Introduction to health sciences
	077301	Advanced health science
	077400	Introduction to nursing
	077500	Introduction to sports medicine
	077600	Medical terminology
	077700	Clinical nutrition
	077930 - 077934	Health sciences - other



Hospitality and Tourism	NDE Course Code #	Course Name
<b>CEHSPTOR</b> [Programs Fact: Programs Code (5)] Planning, managing and providing lodging, food, recreation, convention, and tourism, and related planning and support services such as travel-related services.	035000	Food service management I
	035001	Food service management II
	038300	Hospitality and tourism

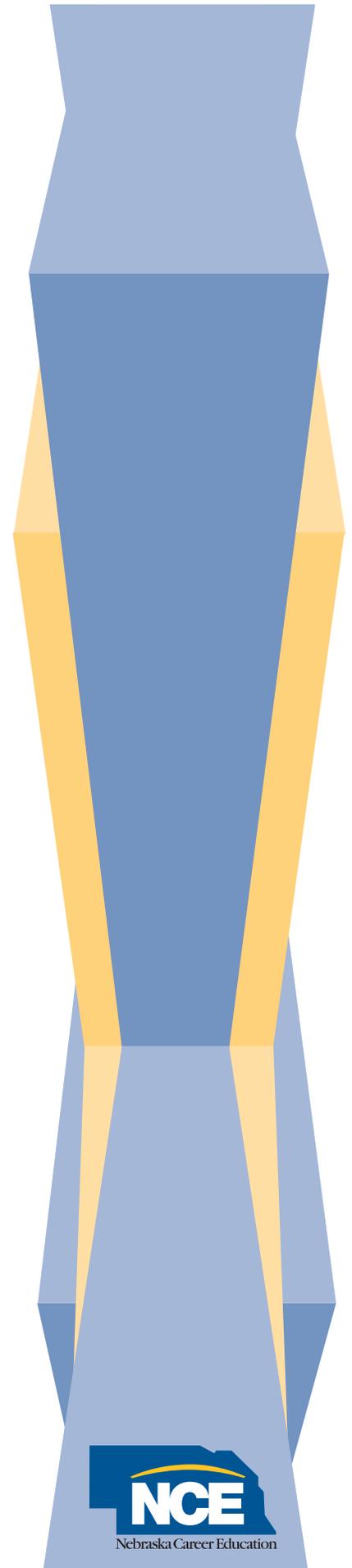
Human Services	NDE Course Code #	Course Name
<b>CEHUMAN</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing human services including social and related community services	090004	Integrated family and consumer sciences
	090102	Human development
	090103	Clothing and textiles
	090104	Life & career essentials—financial literacy
	090105	Life & career essentials—relationship literacy
	090106	Family relationships
	090107	Nutrition and food
	090109	Housing and home furnishings
	090110	Family health
	090111	Applied psychology
	090112	Intro to human services and resources
	090113	Food science
	090115	Sports nutrition
	090116	Relationships
	090117	Child care/parenting
	090118	Elder care
	090206	Fashion design
	090207	Home furnishings production
	099930 - 099934	Human services and resources, other



Information Technology	NDE Course Code #	Course Name
<b>CEINFOTE</b> [Programs Fact: Programs Code (5) Designing, developing, managing, and operating communication and information technology networks and related hardware and software including both telecommunications and computing services.	270401	Programming I
	270402	Programming II
	270403	Programming III
	270501	Information technology applications I
	270502	Information technology applications II
	270503	Information technology applications III
	270504	Information technology fundamentals
	270601	Network systems
	270602	Digital media
	270604	Web design and development
	270605	Database design and development
	279930 - 279934	Communication and information systems, other

Law, Public Safety and Security	NDE Course Code #	Course Name
<b>CELPSSC</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing judicial, legal, and protective services including professional and technical support services in the fire protection and criminal justice systems.	090400	Law, public safety and security
	090410	Introduction to criminal justice
	090500	Introduction to fire and emergency services

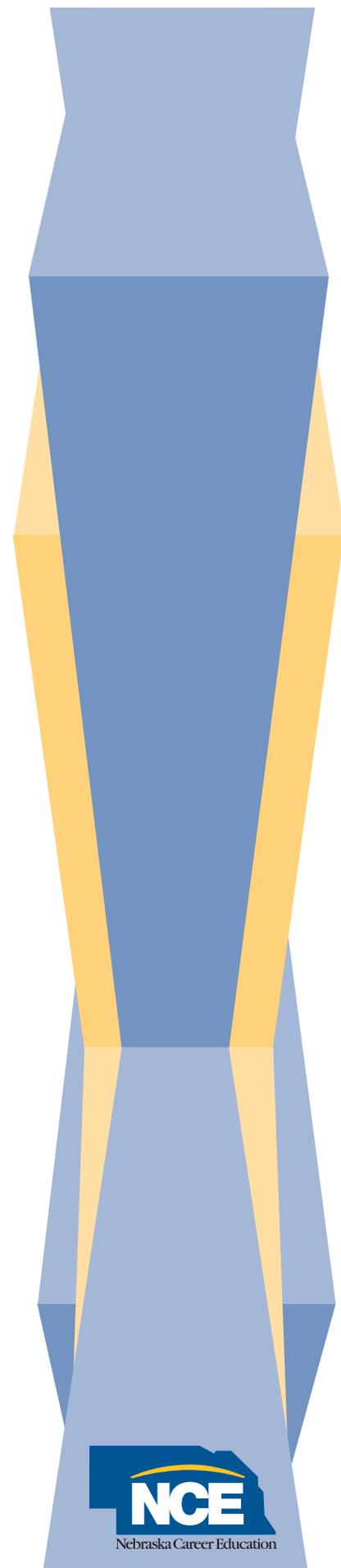
Manufacturing	NDE Course Code #	Course Name
<b>CELPSSC</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing judicial, legal, and protective services including professional and technical support services in the fire protection and criminal justice systems.	101400	Manufacturing - Metals
	101401	Manufacturing – Advanced metals
	101900	Introduction to manufacturing / mechatronics
	101901	Computer integrated manufacturing
	101910	Manufacturing – Advanced mechatronics
	101920	Manufacturing – Woods
	101921	Manufacturing – Advanced woods
	101930	Manufacturing - Welding
	101940	Manufacturing - Advanced welding
	101950	Manufacturing – Advanced plastics
	109930 - 109934	Industrial, manufacturing and engineering other



Marketing	NDE Course Code #	Course Name
<b>CEMARKET</b> [Programs Fact: Programs Code (5)] Planning, managing, and performing wholesaling and retailing services and related marketing and distribution support services including merchandise/product management and promotion.	031805	E-business
	038100	Marketing
	038101	Advanced marketing
	038200	Fashion marketing
	038400	Sports and entertainment marketing

Science, Technology, Engineering, and Mathematics (STEM)	NDE Course Code #	Course Name
<b>CESTEM</b> [Programs Fact: Programs Code (5)] Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services and research and development services.	100160	Principles of engineering
	100161	Introduction to engineering design
	100162	Civil engineering and architecture
	100163	Engineering design and development
	100164	Aerospace engineering
	100165	Biotechnical engineering
	100401	Electronics - comprehensive
	100403	Digital electronics
	100406	Energy
	100503	Principles of technology
100700	Exploring industrial, manufacturing and engineering systems	

Transportation, Distribution, and Logistics	NDE Course Code #	Course Name
<b>CETDWL</b> [Programs Fact: Programs Code (5)] Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services such as transportation infrastructure planning and management. Logistics services, mobile equipment, and facility maintenance.	101600	Introduction to the transportation, distribution and logistics industry (small engines / motorcycles)
	101610	Distribution - comprehensive
	101620	Mobile equipment preventative maintenance systems / basic care
	101630	Mobile equipment maintenance and repair
	101640	Automotive body repair and refinishing



Foundational, Career Development and Career Education Introductory courses.	NDE Course Code #	Course Name
<p><b>CEFOUND</b> [Programs Fact: Programs Code (5)]</p> <p>These courses are foundational or introductory in nature or are cross-cluster in the knowledge and skills taught in the course. These courses may be offered at the middle school/ junior high level in addition to the high school level. The Cooperative Education/Diversified Occupations class is only taught at the high school level.</p>	018002	Careers and literacy of agriculture
	033422	Computer applications
	033501	Keyboarding applications
	090001	Exploratory family & consumer sciences
	090002	Intro to family & consumer sciences
	090003	Comprehensive family & consumer sciences
	100500	Technology education
	100501	Gateway to technology
	320100	Learning, earning and living skills
	320400	C4C - curriculum for careers
	320500	Exploration of entrepreneurship
	320600	Entrepreneurship
	320700	Cooperative education/diversified occupations work-based learning

