

Appendix A: Crosswalk Clusters to NDE Course Codes

Cluster Area	NDE Course Code #	Course Name
<p>Agriculture, Food, and Natural Resources Systems</p> <p>CEAGFNRS [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
CEARCCON [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 100110 100120 100130 100131 100140 100141 100150 100404 100405 100800	Introduction to the built environment Principles of construction Applications in construction The language of architecture and construction Introduction to architecture technology Principles of design and pre-construction Applications in design and pre-construction Restoration and repair of existing structures Electricity in the construction industry Electricity - comprehensive Principles of maintenance and operations
Arts, A/V, and Communication	NDE Course Code #	Course Name
CEAVCOMM [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 270200 270210 270220 270230 270240 270250 270603	Applied communication Audio/video production Digital photography Publication journalism Broadcasting Desktop publishing Printing technology Graphic design
Business Management, and Administration	NDE Course Code #	Course Name
CEBUSMGT [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 030600 030900 031800 032300 032400 032600 032802 034100 039930 - 039934	Business math Business communication Business law Business economics Intro to business, marketing & mgmt College introduction to business College intro to entrepreneurship Management and leadership International business Business, marketing, & management, other

Education and Training	NDE Course Code #	Course Name
CEEDUCAT [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
CEFINANC [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
CEGOVTPA [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
CEHEALTH [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 -	Health sciences - other
	077934	

Hospitality and Tourism	NDE Course Code #	Course Name
CEHSPTOR [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
CEHUMAN [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
CEINFOTE [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 270402 270403 270501 270502 270503 270504 270601 270602 270604 270605 279930 - 279934	Programming I Programming II Programming III Information technology applications I Information technology applications II Information technology applications III Information technology fundamentals Network systems Digital media Web design and development Database design and development Communication and information systems, other
Law, Public Safety and Security	NDE Course Code #	Course Name
CELPSSC [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 090410 090500	Law, public safety and security Introduction to criminal justice Introduction to fire and emergency services
Manufacturing	NDE Course Code #	Course Name
CEMANUFA [Programs Fact: Programs Code (5)] Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, and maintenance and manufacturing/process engineering.	101400 101401 101900 101901 101910 101920 101921 101930 101940 101950 109930 - 109934	Manufacturing - Metals Manufacturing – Advanced metals Introduction to manufacturing / mechatronics Computer integrated manufacturing Manufacturing – Advanced mechatronics Manufacturing – Woods Manufacturing – Advanced woods Manufacturing - Welding Manufacturing - Advanced welding Manufacturing – Advanced plastics Industrial, manufacturing and engineering other

Marketing	NDE Course Code #	Course Name
CEMARKET [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
CESTEM [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
<p>CETDWL [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.</p>	101600 101610 101620 101630 101640	Introduction to the transportation, distribution and logistics industry (small engines / motorcycles) Distribution - comprehensive Mobile equipment preventative maintenance systems / basic care Mobile equipment maintenance and repair Automotive body repair and refinishing
Foundational, Career Development and Career Education Introductory courses.	NDE Course Code #	Course Name
<p>CEFOUND [Programs Fact: Programs Code (5)] 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 033422 033501 090001 090002 090003 100500 100501 320100 320400 320500 320600 320700	Careers and literacy of agriculture Computer applications Keyboarding applications Exploratory family & consumer sciences Intro to family & consumer sciences Comprehensive family & consumer sciences Technology education Gateway to technology Learning, earning and living skills C4c - curriculum for careers Exploration of entrepreneurship Entrepreneurship Cooperative education/diversified occupations work-based learning