

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
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<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
010105	Agricultural/Farm Supplies Retailing and Wholesaling	1.1000	Food Products and Processing Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010106	Agricultural Business Technology	1.1000	Food Products and Processing Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010199	Agricultural Business and Management, Other	1.1000	Food Products and Processing Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010401	Agricultural and Food Products Processing	1.1000	Food Products and Processing Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011001	Food Science	1.1000	Food Products and Processing Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011002	Food Technology and Processing	1.1000	Food Products and Processing Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011099	Food Science and Technology, Other	1.1000	Food Products and Processing Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010000	Agriculture, General	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010101	Agricultural Business and Management, General	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010102	Agribusiness/Agricultural Business Operations	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010103	Agricultural Economics	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010104	Farm/Farm and Ranch Management	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010301	Agricultural Production Operations, General	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010303	Aquaculture	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010304	Crop Production	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010399	Agricultural Production Operations, Other	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010601	Applied Horticulture/Horticultural Operations, General	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster

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010603	Ornamental Horticulture	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010604	Greenhouse Operations and Management	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010605	Landscaping and Groundskeeping	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010606	Plant Nursery Operations and Management	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010607	Turf and Turfgrass Management	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010608	Floriculture/Floristry Operations and Management	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010699	Applied Horticulture/Horticultural Business Services, Other	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011101	Plant Sciences, General	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011102	Agronomy and Crop Science	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011103	Horticultural Science	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011104	Agricultural and Horticultural Plant Breeding	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011105	Plant Protection and Integrated Pest Management	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011106	Range Science and Management	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011199	Plant Sciences, Other	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011201	Soil Science and Agronomy, General	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011202	Soil Chemistry and Physics	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
011203	Soil Microbiology	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster

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<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
011299	Soil Sciences, Other	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
019999	Agriculture, Agriculture Operations, & Related Sciences, Other	1.2000	Plant Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010302	Animal/Livestock Husbandry and Production	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010306	Dairy Husbandry and Production	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010307	Horse Husbandry/Equine Science and Management	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010504	Dog/Pet/Animal Grooming	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010505	Animal Training	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010507	Equestrian/Equine Studies	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010508	Taxidermy/Taxidermist	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010599	Agricultural and Domestic Animal Services, Other	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010901	Animal Sciences, General	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010902	Agricultural Animal Breeding	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010903	Animal Health	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010904	Animal Nutrition	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010905	Dairy Science	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010906	Livestock Management	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010907	Poultry Science	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster

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Single Assignment of CIP to Pathway			Sorted by Pathway		
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Classification of Instructional Programs		Career Pathways		Career Clusters	
Code	Program Title	Code	Pathway Title	Code	Cluster Title
010999	Animal Sciences, Other	1.3000	Animal Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010201	Agricultural Mechanization, General	1.4000	Power Structure and Technical Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010204	Agricultural Power Machinery Operation	1.4000	Power Structure and Technical Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010205	Agricultural Mechanics & Equipment/Machine Technology	1.4000	Power Structure and Technical Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010299	Agricultural Mechanization, Other	1.4000	Power Structure and Technical Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030101	Natural Resources/Conservation, General	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030103	Environmental Studies	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030104	Environmental Science	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030199	Natural Resources Conservation and Research, Other	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030201	Natural Resources Management and Policy	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030204	Natural Resource Economics	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030205	Water, Wetlands, and Marine Resources Management	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030206	Land Use Planning and Management/Development	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030299	Natural Resources Management and Policy, Other	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030301	Fishing and Fisheries Sciences and Management	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030501	Forestry, General	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030502	Forest Sciences and Biology	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster

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<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
030506	Forest Management/Forest Resources Management	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030508	Urban Forestry	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030509	Wood Science and Wood Products/Pulp and Paper Technology	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030510	Forest Resources Production and Management	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030511	Forest Technology/Technician	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030599	Forestry, Other	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
030601	Wildlife and Wildlands Science and Management	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
039999	Natural Resources and Conservation, Other	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
150901	Mining Technology/Technician	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
150903	Petroleum Technology/Technician	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
150999	Mining and Petroleum Technologies/Technicians, Other	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
310101	Parks, Recreation and Leisure Studies	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
310301	Parks, Recreation and Leisure Facilities Management	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
319999	Parks, Recreation, Leisure and Fitness Studies, Other	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
490303	Commercial Fishing	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
490304	Diver, Professional and Instructor	1.5000	Natural Resources Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster

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150506	Water Quality & Wastewater Treatment Management & Recycling Technology/Technician	1.6000	Environmental Service Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
150507	Environmental Engineering Technology/Environmental Technology	1.6000	Environmental Service Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
150508	Hazardous Materials Management & Waste Technology/Technician	1.6000	Environmental Service Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
150599	Environmental Control Technologies/Technicians, Other	1.6000	Environmental Service Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
150704	Hazardous Materials Information Systems Technology/Technician	1.6000	Environmental Service Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010701	International Agriculture	1.7000	Agribusiness Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010801	Agricultural and Extension Education Services	1.7000	Agribusiness Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010802	Agricultural Communication/Journalism	1.7000	Agribusiness Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
010899	Agricultural Public Services, Other	1.7000	Agribusiness Systems Pathway	1.0000	Agriculture, Food and Natural Resource Cluster
040201	Architecture (BArch, BA/BS, MArch, MA/MS, PhD)	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
040401	Environmental Design/Architecture	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
040501	Interior Architecture	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
040601	Landscape Architecture (BS, BSLA, BLA, MSLA, MLA, PhD)	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
040801	Architectural History and Criticism, General	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
040901	Architectural Technology/Technician	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
049999	Architecture and Related Services, Other	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
143801	Surveying Engineering	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
150101	Architectural Engineering Technology/Technician	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
150201	Civil Engineering Technology/Technician	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
151102	Surveying Technology/Surveying	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster

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151301	Drafting and Design Technology/Technician, General	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
151302	CAD/CADD Drafting and/or Design Technology/Technician	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
151303	Architectural Drafting and Architectural CAD/CADD	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
151304	Civil Drafting and Civil Engineering CAD/CADD	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
151305	Electrical/Electronics Drafting & Electrical/Electronics CAD/CADD	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
151306	Mechanical Drafting and Mechanical Drafting CAD/CADD	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
151399	Drafting/Design Engineering Technologies/Technicians, Other	2.1000	Design/Pre-Construction Pathway	2.0000	Architecture and Construction Cluster
150501	Heating, Air Conditioning & Refrigeration Technology/Technician (ACH/ACR/ACHR/HRAC/HVAC/	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
150503	Energy Management and Systems Technology/Technician	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
150505	Solar Energy Technology/Technician	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
151001	Construction Engineering Technology/Technician	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460000	Construction Trades, General	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460101	Mason/Masonry	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460201	Carpentry/Carpenter	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460301	Electrical & Power Transmission Installation/Installer, General	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460302	Electrician	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460303	Lineworker	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460399	Electrical and Power Transmission Installers, Other	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460401	Building/Property Maintenance and Management	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460402	Concrete Finishing/Concrete Finisher	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster

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460403	Building/Home/Construction Inspection/Inspector	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460404	Drywall Installation/Drywaller	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460406	Glazier	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460408	Painting/Painter and Wall Coverer	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460410	Roofer	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460411	Metal Building Assembly/Assembler	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460412	Building/Construction Site Management/Manager	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460499	Building/Construction Finishing, Management, & Inspection, Other	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460502	Pipefitting/Pipefitter and Sprinkler Fitter	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460503	Plumbing Technology/Plumber	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460504	Well Drilling/Driller	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460505	Blasting/Blaster	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
460599	Plumbing and Related Water Supply Services, Other	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
469999	Construction Trades, Other	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
480509	Ironworking/Ironworker	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
480599	Precision Metal Working, Other	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
480801	Boilermaking/Boilermaker	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
490202	Construction/Heavy Equipment/Earthmoving Equipment Operation	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
490206	Mobil Crane Operation/Operator	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
522001	Construction Management	2.2000	Construction Pathway	2.0000	Architecture and Construction Cluster
470110	Security System Installation, Repair, & Inspection Technology/Technician	2.3000	Maintenance/Operations Pathway	2.0000	Architecture and Construction Cluster
470199	Electrical/Electronics Maintenance & Repair Technology, Other	2.3000	Maintenance/Operations Pathway	2.0000	Architecture and Construction Cluster
470201	Heating, Air Conditioning, Ventilation & Refrigeration Maintenance Technology/Technician	2.3000	Maintenance/Operations Pathway	2.0000	Architecture and Construction Cluster
470302	Heavy Equipment Maintenance Technology/Technician	2.3000	Maintenance/Operations Pathway	2.0000	Architecture and Construction Cluster

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100299	Audiovisual Communications Technologies/Technicians, Other	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
110803	Computer Graphics	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
301401	Museology/Museum Studies	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500401	Design and Visual Communications, General	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500605	Photography	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500699	Film/Video and Photographic Arts, Other	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500701	Art/Art Studies, General	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500702	Fine/Studio Arts, General	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500703	Art History, Criticism and Conservation	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500704	Arts Management	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500705	Drawing	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500706	Intermedia/Multimedia	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500708	Painting	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500709	Sculpture	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500710	Printmaking	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500711	Ceramic Arts and Ceramics	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500712	Fiber, Textile and Weaving Arts	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster

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500713	Metal and Jewelry Arts	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500799	Fine Arts and Art Studies, Other	3.1000	Audio and Video Technology and Film Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100301	Graphic Communications, General	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100302	Printing Management	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100303	Prepress/Desktop Publishing and Digital Imaging Design	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100304	Animation, Interactive Technology, Video Graphics & Special Effects	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100305	Graphic and Printing Equipment Operator, General Production	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100306	Platemaker/Imager	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100307	Printing Press Operator	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100308	Computer Typography and Composition Equipment Operator	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100399	Graphic Communications, Other	3.2000	Printing Technology Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100201	Photographic and Film/Video Technology/Technician & Assistant	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500101	Visual and Performing Arts, General	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500201	Crafts/Craft Design, Folk Art and Artisanry	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500402	Commercial and Advertising Art	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500404	Industrial Design	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500406	Commercial Photography	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster

Instructional Programs by Clusters/Pathways					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>			
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
Classification of Instructional Programs		Career Pathways		Career Clusters	
Code	Program Title	Code	Pathway Title	Code	Cluster Title
500407	Fashion/Apparel Design	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500408	Interior Design	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500409	Graphic Design	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500410	Illustration	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500499	Design and Applied Arts, Other	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500605	Photography	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500699	Film/Video and Photographic Arts, Other	3.3000	Visual Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500301	Dance, General	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500302	Ballet	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500399	Dance, Other	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500501	Drama and Dramatics/Theatre Arts, General	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500502	Technical Theatre/Theatre Design and Technology	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500504	Playwriting and Screenwriting	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500505	Theatre Literature, History and Criticism	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500506	Acting	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500507	Directing and Theatrical Production	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500508	Theatre/Theatre Arts Management	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
500599	Dramatic/Theatre Arts and Stagecraft, Other	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500601	Film/Cinema Studies	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500602	Cinematography and Film/Video Production	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500901	Music, General	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500902	Music History, Literature, and Theory	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500903	Music Performance, General	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500904	Music Theory and Composition	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500905	Musicology and Ethnomusicology	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500906	Conducting	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500907	Piano and Organ	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500908	Voice and Opera	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500909	Music Management and Merchandising	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500910	Jazz/Jazz Studies	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500911	Violin, Viola, Guitar and Other Stringed Instruments	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500912	Music Pedagogy	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
500999	Music, Other	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
509999	Visual and Performing Arts, Other	3.4000	Performing Arts Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
090101	Communication Studies/Speech Communication and Rhetoric	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090102	Mass Communication/Media Studies	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090199	Communication and Media Studies, Other	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090401	Journalism	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090402	Broadcast Journalism	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090404	Photojournalism	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090499	Journalism, Other	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090701	Radio and Television	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090702	Digital Communication and Media/Multimedia	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090799	Radio, Television, and Digital Communication, Other	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
091001	Publishing	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
099999	Communication, Journalism, and Related Programs, Other	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100202	Radio and Television Broadcasting Technology/Technician	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
100203	Recording Arts Technology/Technician	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
230401	English Composition	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
230501	Creative Writing	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
231101	Technical and Business Writing	3.5000	Journalism and Broadcasting Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster

Instructional Programs by Clusters/Pathways					
<b>Table 2: CIP-Pathway-Cluster</b>					
Single Assignment of CIP to Pathway			Sorted by Pathway		
September 2007 Version / Subject to Revision after Initial Use					
Classification of Instructional Programs		Career Pathways		Career Clusters	
Code	Program Title	Code	Pathway Title	Code	Cluster Title
100105	Communications Technology/Technician	3.6000	Telecommunications Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
109999	Communications Technologies/Technicians & Support Services, Other	3.6000	Telecommunications Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
470103	Communications Systems Installation and Repair Technology	3.6000	Telecommunications Pathway	3.0000	Arts, Audio/Video Technology and Communications Cluster
090901	Organizational Communication, General	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
090902	Public Relations/Image Management	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520101	Business/Commerce, General	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520201	Business Administration and Management, General	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520202	Purchasing, Procurement/Acquisitions & Contracts Management	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520203	Logistics and Materials Management	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520204	Office Management and Supervision	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520205	Operations Management and Supervision	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520207	Customer Service Management	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520601	Business/Managerial Economics	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520701	Entrepreneurship/Entrepreneurial Studies	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520702	Franchising and Franchise Operations	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520703	Small Business Administration/Management	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
520799	Entrepreneurial and Small Business Operations, Other	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
521101	International Business/Trade/Commerce	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
521301	Management Science, General	4.1000	Management Pathway	4.0000	Business, Management and Administration Cluster
301601	Accounting and Computer Science	4.2000	Business Financial Management and Accounting Pathway	4.0000	Business, Management and Administration Cluster
520299	Business Administration, Management and Operations, Other	4.2000	Business Financial Management and Accounting Pathway	4.0000	Business, Management and Administration Cluster
520301	Accounting	4.2000	Business Financial Management and Accounting Pathway	4.0000	Business, Management and Administration Cluster
520302	Accounting Technology/Technician and Bookkeeping	4.2000	Business Financial Management and Accounting Pathway	4.0000	Business, Management and Administration Cluster
520303	Auditing	4.2000	Business Financial Management and Accounting Pathway	4.0000	Business, Management and Administration Cluster
520304	Accounting and Finance	4.2000	Business Financial Management and Accounting Pathway	4.0000	Business, Management and Administration Cluster
520305	Accounting and Business/Management	4.2000	Business Financial Management and Accounting Pathway	4.0000	Business, Management and Administration Cluster
520399	Accounting and Related Services, Other	4.2000	Business Financial Management and Accounting Pathway	4.0000	Business, Management and Administration Cluster
521001	Human Resources Management/Personnel Administration, General	4.3000	Human Resources Pathway	4.0000	Business, Management and Administration Cluster
521002	Labor and Industrial Relations	4.3000	Human Resources Pathway	4.0000	Business, Management and Administration Cluster
521003	Organizational Behavior Studies	4.3000	Human Resources Pathway	4.0000	Business, Management and Administration Cluster
521004	Labor Studies	4.3000	Human Resources Pathway	4.0000	Business, Management and Administration Cluster
521005	Human Resources Development	4.3000	Human Resources Pathway	4.0000	Business, Management and Administration Cluster
521099	Human Resources Management and Services, Other	4.3000	Human Resources Pathway	4.0000	Business, Management and Administration Cluster
143701	Operations Research	4.4000	Business Analysis Pathway	4.0000	Business, Management and Administration Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
521201	Management Information Systems, General	4.4000	Business Analysis Pathway	4.0000	Business, Management and Administration Cluster
521206	Information Resources Management/CIO Training	4.4000	Business Analysis Pathway	4.0000	Business, Management and Administration Cluster
521207	Knowledge Management	4.4000	Business Analysis Pathway	4.0000	Business, Management and Administration Cluster
521299	Management Information Systems and Services, Other	4.4000	Business Analysis Pathway	4.0000	Business, Management and Administration Cluster
521399	Management Sciences and Quantitative Methods, Other	4.4000	Business Analysis Pathway	4.0000	Business, Management and Administration Cluster
090999	Public Relations, Advertising & Applied Communication, Other	4.5000	Marketing Pathway	4.0000	Business, Management and Administration Cluster
520501	Business/Corporate Communications	4.5000	Marketing Pathway	4.0000	Business, Management and Administration Cluster
90903	Advertising	4.5000	Marketing Pathway	4.0000	Business, Management and Administration Cluster
110601	Data Entry/Microcomputer Applications, General	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
110602	Word Processing	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
110699	Data Entry/Microcomputer Applications, Other	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
520401	Administrative Assistant and Secretarial Science, General	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
520402	Executive Assistant/Executive Secretary	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
520406	Receptionist	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
520407	Business/Office Automation/Technology/Data Entry	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
520408	General Office Occupations and Clerical Services	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
520411	Customer Service Support/Call Center/Teleservice Operation	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
520499	Business Operations Support and Secretarial Services, Other	4.6000	Administrative and Information Support Pathway	4.0000	Business, Management and Administration Cluster
130401	Educational Leadership and Administration, General	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130402	Administration of Special Education	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130403	Adult and Continuing Education Administration	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130404	Educational, Instructional, and Curriculum Supervision	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130406	Higher Education/Higher Education Administration	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130407	Community College Education	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130408	Elementary & Middle School Administration/Principalship	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130409	Secondary School Administration/Principalship	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130410	Urban Education and Leadership	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130411	Superintendency and Educational System Administration	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130499	Educational Administration and Supervision, Other	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130501	Educational/Instructional Media Design	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130601	Educational Evaluation and Research	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130603	Educational Statistics and Research Methods	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130604	Educational Assessment, Testing, and Measurement	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130699	Educational Assessment, Evaluation, and Research, Other	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
130701	International and Comparative Education	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
130901	Social and Philosophical Foundations of Education	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
310504	Sport and Fitness Administration/Management	5.1000	Administration and Administrative Support Pathway	5.0000	Education and Training Cluster
131101	Counselor Education/School Counseling and Guidance Services	5.2000	Professional Support Services Pathway	5.0000	Education and Training Cluster
131102	College Student Counseling and Personnel Services	5.2000	Professional Support Services Pathway	5.0000	Education and Training Cluster
131199	Student Counseling and Personnel Services, Other	5.2000	Professional Support Services Pathway	5.0000	Education and Training Cluster
250101	Library Science/Librarianship	5.2000	Professional Support Services Pathway	5.0000	Education and Training Cluster
250301	Library Assistant	5.2000	Professional Support Services Pathway	5.0000	Education and Training Cluster
259999	Library Science, Other	5.2000	Professional Support Services Pathway	5.0000	Education and Training Cluster
130101	Education, General	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
130201	Bilingual and Multilingual Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
130202	Multicultural Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
130203	Indian/Native American Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
130299	Bilingual, Multilingual, a&Multicultural Education, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
130301	Curriculum and Instruction	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131001	Special Education and Teaching, General	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131003	Education/Teaching of Individuals with Hearing Impairments, Including Deafness	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131004	Education/Teaching of the Gifted and Talented	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131005	Education/Teaching of Individuals with Emotional Disturbances	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131006	Education/Teaching of Individuals with Mental Retardation	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131007	Education/Teaching of Individuals with Multiple Disabilities	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
131008	Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131009	Education/Teaching of Individuals with Vision Impairments, Including Blindness	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131011	Education/Teaching of Individuals with Specific Learning Disabilities	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131012	Education/Teaching of Individuals with Speech or Language Impairments	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131013	Education/Teaching of Individuals with Autism	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131014	Education/Teaching of Individuals Who are Developmentally Delayed	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131015	Education/Teaching of Individuals in Early Childhood Special Education Programs	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131016	Education/Teaching of Individuals with Traumatic Brain Injuries	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131099	Special Education and Teaching, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131201	Adult and Continuing Education and Teaching	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131202	Elementary Education and Teaching	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131203	Junior High/Intermediate/Middle School Education & Teaching	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131205	Secondary Education and Teaching	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131206	Teacher Education, Multiple Levels	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131207	Montessori Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131208	Waldorf/Steiner Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131209	Kindergarten/Preschool Education and Teaching	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131210	Early Childhood Education and Teaching	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131299	Teacher Education & Professional Development, Specific Levels & Methods, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131301	Agricultural Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131302	Art Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131303	Business Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>			<b>Career Pathways</b>		<b>Career Clusters</b>
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
131304	Driver and Safety Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131305	English/Language Arts Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131306	Foreign Language Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131307	Health Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131308	Family & Consumer Sciences/Home Economics Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131309	Technology Teacher Education/Industrial Arts Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131310	Sales & Marketing Operations/Marketing & Distribution Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131311	Mathematics Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131312	Music Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131314	Physical Education Teaching and Coaching	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131315	Reading Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131316	Science Teacher Education/General Science Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131317	Social Science Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131318	Social Studies Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131319	Technical Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131320	Trade and Industrial Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131321	Computer Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131322	Biology Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131323	Chemistry Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131324	Drama and Dance Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131325	French Language Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131326	German Language Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131327	Health Occupations Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131328	History Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131329	Physics Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131330	Spanish Language Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131331	Speech Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131332	Geography Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131333	Latin Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
131334	School Librarian/School Library Media Specialist	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131335	Psychology Teacher Education	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131399	Teacher Education & Professional Development, Specific Subject Areas, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131401	Teaching English as a Second or Foreign Language/ESL Language Instructor	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131402	Teaching French as a Second or Foreign Language	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131499	Teaching English or French as a Second or Foreign Language, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131501	Teacher Assistant/Aide	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131502	Adult Literacy Tutor/Instructor	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
131599	Teaching Assistants/Aides, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
139999	Education, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
190601	Housing and Human Environments, General	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
190699	Housing and Human Environments, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
230101	English Language and Literature, General	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
230701	American Literature United States	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
230702	American Literature Canadian	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
230801	English Literature British and Commonwealth	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
231001	Speech and Rhetorical Studies	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
239999	English Language and Literature/Letters, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
240101	Liberal Arts and Sciences/Liberal Studies	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
240102	General Studies	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
240103	Humanities/Humanistic Studies	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
240199	Liberal Arts and Sciences, General Studies and Humanities, Other	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
302301	Intercultural/Multicultural and Diversity Studies	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
310501	Health and Physical Education, General	5.3000	Teaching/Training Pathway	5.0000	Education and Training Cluster
520801	Finance, General	6.1000	Financial and Investment Planning Pathway	6.0000	Finance Cluster
520804	Financial Planning and Services	6.1000	Financial and Investment Planning Pathway	6.0000	Finance Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>			<b>Career Pathways</b>		<b>Career Clusters</b>
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
520806	International Finance	6.1000	Financial and Investment Planning Pathway	6.0000	Finance Cluster
520807	Investments and Securities	6.1000	Financial and Investment Planning Pathway	6.0000	Finance Cluster
520808	Public Finance	6.1000	Financial and Investment Planning Pathway	6.0000	Finance Cluster
520809	Credit Management	6.1000	Financial and Investment Planning Pathway	6.0000	Finance Cluster
520899	Finance and Financial Management Services, Other	6.1000	Financial and Investment Planning Pathway	6.0000	Finance Cluster
521908	Business & Personal/Financial Services Marketing Operations	6.1000	Financial and Investment Planning Pathway	6.0000	Finance Cluster
521601	Taxation	6.2000	Business Financial Management Pathway	6.0000	Finance Cluster
520803	Banking and Financial Support Services	6.3000	Banking and Related Services Pathway	6.0000	Finance Cluster
521701	Insurance	6.4000	Insurance Services Pathway	6.0000	Finance Cluster
090904	Political Communication	7.1000	Governance (Legislators and general government executives and staff) Pathway	7.0000	Government and Public Administration Cluster
440401	Public Administration	7.1000	Governance (Legislators and general government executives and staff) Pathway	7.0000	Government and Public Administration Cluster
440501	Public Policy Analysis	7.1000	Governance (Legislators and general government executives and staff) Pathway	7.0000	Government and Public Administration Cluster
451001	Political Science and Government, General	7.1000	Governance (Legislators and general government executives and staff) Pathway	7.0000	Government and Public Administration Cluster
451002	American Government and Politics (United States)	7.1000	Governance (Legislators and general government executives and staff) Pathway	7.0000	Government and Public Administration Cluster
451099	Political Science and Government, Other	7.1000	Governance (Legislators and general government executives and staff) Pathway	7.0000	Government and Public Administration Cluster
280101	Air Force JROTC/ROTC	7.2000	National Security Pathway	7.0000	Government and Public Administration Cluster
280301	Army JROTC/ORTC	7.2000	National Security Pathway	7.0000	Government and Public Administration Cluster
280401	Navy/Marine Corps JROTC/ROTC	7.2000	National Security Pathway	7.0000	Government and Public Administration Cluster
290101	Military Technologies	7.2000	National Security Pathway	7.0000	Government and Public Administration Cluster
450901	International Relations and Affairs	7.3000	Foreign Service Pathway	7.0000	Government and Public Administration Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
040301	City/Urban, Community and Regional Planning	7.4000	Planning Pathway	7.0000	Government and Public Administration Cluster
451201	Urban Studies/Affairs	7.4000	Planning Pathway	7.0000	Government and Public Administration Cluster
520206	Non-Profit/Public/Organizational Management	7.7000	Public Management and Administration Pathway	7.0000	Government and Public Administration Cluster
420101	Psychology, General	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
420201	Clinical Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
420301	Cognitive Psychology and Psycholinguistics	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
420501	Comparative Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
420801	Experimental Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
420901	Industrial and Organizational Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
421001	Personality Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
421101	Physiological Psychology/Psychobiology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
421601	Social Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
421701	School Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
421801	Educational Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
421901	Psychometrics and Quantitative Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
422001	Clinical Child Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
422101	Environmental Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
422201	Geropsychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
422301	Health/Medical Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
422401	Psychopharmacology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
422501	Family Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
422601	Forensic Psychology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
429999	Psychology, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510101	Chiropractic (DC)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510201	Communication Disorders, General	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510202	Audiology/Audiologist and Hearing Sciences	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510203	Speech-Language Pathology/Pathologist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510204	Audiology/Audiologist & Speech-Language Pathology/Pathologist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510299	Communication Disorders Sciences and Services, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
510401	Dentistry (DDS, DMD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510501	Dental Clinical Sciences, General (MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510502	Advanced General Dentistry (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510503	Oral Biology and Oral Pathology (MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510504	Dental Public Health & Education (Cert, MS/MPH, PhD/DPH)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510505	Dental Materials (MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510506	Endodontics/Endodontology (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510507	Oral/Maxillofacial Surgery (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510508	Orthodontics/Orthodontology (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510509	Pediatric Dentistry/Pedodontics (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510510	Periodontics/Periodontology (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510511	Prosthodontics/Prosthodontology (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510599	Advanced/Graduate Dentistry and Oral Sciences, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510601	Dental Assisting/Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510602	Dental Hygiene/Hygienist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510603	Dental Laboratory Technology/Technician	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510699	Dental Services and Allied Professions, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510801	Medical/Clinical Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510803	Occupational Therapist Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510805	Pharmacy Technician/Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510806	Physical Therapist Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510808	Veterinary/Animal Health Technology/Technician & Veterinary Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510809	Anesthesiologist Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
510810	Emergency Care Attendant (EMT Ambulance)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510908	Respiratory Care Therapy/Therapist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510909	Surgical Technology/Technologist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
510999	Allied Health Diagnostic, Intervention, & Treatment Professions, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511001	Blood Bank Technology Specialist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511011	Renal/Dialysis Technologist/Technician	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511201	Medicine (MD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511502	Psychiatric/Mental Health Services Technician	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511601	Nursing - Registered Nurse Training (RN, ASN, BSN, MSN)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511602	Nursing Administration (MSN, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511603	Adult Health Nurse/Nursing	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511604	Nurse Anesthetist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511605	Family Practice Nurse/Nurse Practitioner	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511606	Maternal/Child Health and Neonatal Nurse/Nursing	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511607	Nurse Midwife/Nursing Midwifery	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511608	Nursing Science (MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511609	Pediatric Nurse/Nursing	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511610	Psychiatric/Mental Health Nurse/Nursing	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511611	Public Health/Community Nurse/Nursing	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511612	Perioperative/Operating Room and Surgical Nurse/Nursing	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511613	Licensed Practical /Vocational Nurse Training (LPN, LVN, Cert, Dipl, AAS)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511614	Nurse/Nursing Assistant/Aide and Patient Care Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511616	Clinical Nurse Specialist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511617	Critical Care Nursing	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511618	Occupational and Environmental Health Nursing	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511699	Nursing, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
511701	Optometry (OD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511801	Opticianry/Ophthalmic Dispensing Optician	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511802	Optometric Technician/Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511803	Ophthalmic Technician/Technologist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511804	Orthoptics/Orthoptist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511899	Ophthalmic & Optometric Support Services & Allied Professions, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
511901	Osteopathic Medicine/Osteopathy (DO)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512001	Pharmacy (PharmD [USA] PharmD, BS/BPharm [Canada])	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512002	Pharmacy Administration & Pharmacy Policy & Regulatory Affairs (MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512003	Pharmaceutics and Drug Design (MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512008	Clinical, Hospital, & Managed Care Pharmacy (MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512101	Podiatric Medicine/Podiatry (DPM)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512301	Art Therapy/Therapist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512302	Dance Therapy/Therapist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512305	Music Therapy/Therapist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512401	Veterinary Medicine (DVM)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512501	Veterinary Sciences/Veterinary Clinical Sciences, General (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512502	Veterinary Anatomy (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512503	Veterinary Physiology (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512504	Veterinary Microbiology & Immunobiology (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512505	Veterinary Pathology & Pathobiology (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512506	Veterinary Toxicology & Pharmacology (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512507	Large Animal/Food Animal & Equine Surgery & Medicine (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512508	Small/Companion Animal Surgery & Medicine (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
512509	Comparative & Laboratory Animal Medicine (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512510	Veterinary Preventive Medicine Epidemiology & Public Health (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512511	Veterinary Infectious Diseases (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512599	Veterinary Biomedical & Clinical Sciences, Other (Cert, MS, PhD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512601	Health Aide	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512602	Home Health Aide/Home Attendant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512603	Medication Aide	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
512699	Health Aides/Attendants/Orderlies, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513101	Dietetics/Dietitian (RD)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513102	Clinical Nutrition/Nutritionist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513103	Dietetic Technician (DTR)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513104	Dietitian Assistant	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513199	Dietetics and Clinical Nutrition Services, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513301	Acupuncture	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513302	Traditional Chinese/Asian Medicine & Chinese Herbology	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513303	Naturopathic Medicine/Naturopathy (ND)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513304	Homeopathic Medicine/Homeopathy	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513305	Ayurvedic Medicine/Ayurveda	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513399	Alternative & Complementary Medicine & Medical Systems, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513401	Direct Entry Midwifery (LM, CPM)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513499	Alternative & Complementary Medical Support Services, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513501	Massage Therapy/Therapeutic Massage	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513502	Asian Bodywork Therapy	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513503	Somatic Bodywork	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513599	Somatic Bodywork & Related Therapeutic Services, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
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<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
513601	Movement Therapy and Movement Education	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513602	Yoga Teacher Training/Yoga Therapy	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513603	Hypnotherapy/Hypnotherapist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513699	Movement & Mind-Body Therapies & Education, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513701	Aromatherapy	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513702	Herbalism/Herbalist	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513703	Polarity Therapy	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513704	Reiki	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
513799	Energy and Biologically Based Therapies, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
519999	Health Professions and Related Clinical Sciences, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600101	Dental/Oral Surgery Specialty - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600102	Dental Public Health Specialty - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600103	Endodontics Speciality - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600104	Oral Pathology Specialty - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600105	Orthodontics Specialty - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600106	Pedodontics Specialty - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600107	Periodontics Specialty - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600108	Prosthodontics Specialty - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600199	Dental Residency Program, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600201	Aerospace Medicine – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600202	Allergies and Immunology – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600203	Anesthesiology – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600204	Blood Banking - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
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<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
600205	Cardiology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600206	Chemical Pathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600207	Child/Pediatric Neurology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600208	Child Psychiatry - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600209	Colon and Rectal Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600210	Critical Care Anesthesiology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600211	Critical Care Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600212	Critical Care Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600213	Dermatology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600214	Dermatopathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600215	Diagnostic Radiology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600216	Emergency Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600217	Endocrinology and Metabolism - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600218	Family Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600219	Forensic Pathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600220	Gastroenterology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600221	General Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600222	Geriatric Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600223	Hand Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600224	Hematology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600225	Hematological Pathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600226	Immunopathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600227	Infectious Disease - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600228	Internal Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600229	Laboratory Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600230	Musculoskeletal Oncology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
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<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
600231	Neonatal-Perinatal Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600232	Nephrology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600233	Neurological Surgery/Neurosurgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600234	Neurology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600235	Neuropathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600236	Nuclear Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600237	Nuclear Radiology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600238	Obstetrics and Gynecology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600239	Occupational Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600240	Oncology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600241	Ophthalmology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600242	Orthopedics/Orthopedic Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600243	Otolaryngology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600244	Pathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600245	Pediatric Cardiology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600246	Pediatric Endocrinology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600247	Pediatric Hemato-Oncology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600248	Pediatric Nephrology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600249	Pediatric Orthopedics - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600250	Pediatrics Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600251	Pediatrics - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600252	Physical and Rehabilitation Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600253	Plastic Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600254	Preventive Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600255	Psychiatry - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
600256	Public Health Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600257	Pulmonary Disease - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600258	Radiation Oncology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600259	Radioisotopic Pathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600260	Rheumatology – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600261	Sports Medicine – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600262	Thoracic Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600263	Urology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600264	Vascular Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600265	Adult Reconstructive Orthopedics (Orthopedic Surgery) -- (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600266	Child Neurology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600267	Cytopathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600268	Geriatric Medicine (Internal Medicine) - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600269	Pediatric Urology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600270	Physical Medical and Rehabilitation/Psychiatry - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600271	Orthopedic Surgery of the Spine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600299	Medical Residency Programs, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600301	Veterinary Anesthesiology – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600302	Veterinary Dentistry - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600303	Veterinary Dermatology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600304	Veterinary Emergency and Critical Care Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600305	Veterinary Internal Medicine – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
600306	Laboratory Animal Medicine - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600307	Veterinary Microbiology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600308	Veterinary Nutrition - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600309	Veterinary Ophthalmology – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600310	Veterinary Pathology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600311	Veterinary Practice - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600312	Veterinary Preventive Medicine – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600313	Veterinary Radiology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600314	Veterinary Surgery - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600315	Theriogenology – (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600316	Veterinary Toxicology - (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600317	Zoological Medicine- (Residency Program)	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
600399	Veterinary Residency Programs, Other	8.1000	Therapeutic Services Pathway	8.0000	Health Science Cluster
410101	Biology Technician/Biotechnology Laboratory Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510802	Clinical/Medical Laboratory Assistant	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510811	Pathology/Pathologist Assistant	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510812	Respiratory Therapy Technician/Assistant	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510813	Chiropractic Assistant/Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510899	Allied Health and Medical Assisting Services, Other	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510901	Cardiovascular Technology/Technologist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510902	Electrocardiograph Technology/Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510904	Emergency Medical Technology/Technician (EMT Paramedic)	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510905	Nuclear Medical Technology/Technologist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510906	Perfusion Technology/Perfusionist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
510907	Medical Radiologic Technology/Science - Radiation Therapist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510910	Diagnostic Medical Sonography/Sonographer & Ultrasound Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510911	Radiologic Technology/Science - Radiographer	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510912	Physician Assistant	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510913	Athletic Training/Trainer	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510914	Gene/Genetic Therapy	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510915	Cardiopulmonary Technology/Technologist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
510916	Radiation Protection/Health Physics Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511002	Cytotechnology/Cytotechnologist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511003	Hematology Technology/Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511004	Clinical/Medical Laboratory Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511005	Clinical Laboratory Science/Medical Technology/Technologist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511006	Ophthalmic Laboratory Technology/Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511007	Histologic Technology/Histotechnologist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511008	Histologic Technician	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511009	Phlebotomy/Phlebotomist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511010	Cytogenetics/Genetics/Clinical Genetics Technology/Technologist	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
511099	Clinical/Medical Laboratory Science & Allied Professions, Other	8.2000	Diagnostics Services Pathway	8.0000	Health Science Cluster
090905	Health Communication	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510701	Health/Health Care Administration/Management	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510702	Hospital & Health Care Facilities Administration/Management	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510703	Health Unit Coordinator/Ward Clerk	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510704	Health Unit Manager/Ward Supervisor	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510705	Medical Office Management/Administration	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
510706	Health Information/Medical Records Administration/Administrator	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510707	Health Information/Medical Records Technology/Technician	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510708	Medical Transcription/Transcriptionist	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510709	Medical Office Computer Specialist/Assistant	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510710	Medical Office Assistant/Specialist	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510711	Medical/Health Management & Clinical Assistant/Specialist	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510712	Medical Reception/Receptionist	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510713	Medical Insurance Coding Specialist/Coder	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510714	Medical Insurance Specialist/Medical Biller	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510715	Health/Medical Claims Examiner	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510716	Medical Administrative/Executive Assistant & Medical Secretary	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510717	Medical Staff Services Technology/Technician	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
510799	Health and Medical Administrative Services, Other	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
511503	Clinical/Medical Social Work	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
511509	Genetic Counseling/Counselor	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512201	Public Health, General (MPH, DPH)	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512202	Environmental Health	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512205	Health/Medical Physics	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512206	Occupational Health and Industrial Hygiene	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512207	Public Health Education and Promotion	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512208	Community Health and Preventive Medicine	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512209	Maternal and Child Health	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512210	International Public Health/International Health	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512211	Health Services Administration	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512299	Public Health, Other	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512306	Occupational Therapy/Therapist	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512307	Orthotist/Prosthetist	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
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<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
512308	Physical Therapy/Therapist	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512309	Therapeutic Recreation/Recreational Therapy	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512310	Vocational Rehabilitation Counseling/Counselor	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512311	Kinesiotherapy/Kinesiotherapist	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512312	Assistive/Augmentative Technology & Rehabilitation Engineering	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512399	Rehabilitation and Therapeutic Professions, Other	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512703	Medical Illustration/Medical Illustrator	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512706	Medical Informatics	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
512799	Medical Illustration and Informatics, Other	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
513201	Bioethics/Medical Ethics	8.3000	Health Informatics Pathway	8.0000	Health Science Cluster
190501	Foods, Nutrition, and Wellness Studies, General	8.4000	Support Services Pathway	8.0000	Health Science Cluster
190504	Human Nutrition	8.4000	Support Services Pathway	8.0000	Health Science Cluster
190505	Foodservice Systems Administration/Management	8.4000	Support Services Pathway	8.0000	Health Science Cluster
190599	Foods, Nutrition, and Related Services, Other	8.4000	Support Services Pathway	8.0000	Health Science Cluster
261201	Biotechnology	8.5000	Biotechnology Research and Development	8.0000	Health Science Cluster
512004	Medicinal and Pharmaceutical Chemistry (MS, PhD)	8.5000	Biotechnology Research and Development	8.0000	Health Science Cluster
512005	Natural Products Chemistry & Pharmacognosy (MS, PhD)	8.5000	Biotechnology Research and Development	8.0000	Health Science Cluster
512006	Clinical and Industrial Drug Development (MS, PhD)	8.5000	Biotechnology Research and Development	8.0000	Health Science Cluster
512007	Pharmacoeconomics/Pharmaceutical Economics (MS, PhD)	8.5000	Biotechnology Research and Development	8.0000	Health Science Cluster
512009	Industrial & Physical Pharmacy & Cosmetic Sciences (MS, PhD)	8.5000	Biotechnology Research and Development	8.0000	Health Science Cluster
512099	Pharmacy, Pharmaceutical Sciences, and Administration, Other	8.5000	Biotechnology Research and Development	8.0000	Health Science Cluster

Instructional Programs by Clusters/Pathways				
<b>Table 2: CIP-Pathway-Cluster</b>				
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>		
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Classification of Instructional Programs		Career Pathways		Career Clusters
Code	Program Title	Code	Pathway Title	Code Cluster Title
120500	Cooking and Related Culinary Arts, General	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120501	Baking and Pastry Arts/Baker/Pastry Chef	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120502	Bartending/Bartender	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120503	Culinary Arts/Chef Training	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120504	Restaurant, Culinary, and Catering Management/Manager	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120505	Food Preparation/Professional Cooking/Kitchen Assistant	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120506	Meat Cutting/Meat Cutter	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120507	Food Service, Waiter/Waitress, & Dining Room Management/Manager	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120508	Institutional Food Workers	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
120599	Culinary Arts and Related Services, Other	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
129999	Personal and Culinary Services, Other	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
520905	Restaurant/Food Services Management	9.1000	Restaurants and Food/Beverage Services Pathway	9.0000 Hospitality and Tourism Cluster
520904	Hotel/Motel Administration/Management	9.2000	Lodging Pathway	9.0000 Hospitality and Tourism Cluster
520901	Hospitality Administration/Management, General	9.3000	Travel and Tourism Pathway	9.0000 Hospitality and Tourism Cluster
520903	Tourism and Travel Services Management	9.3000	Travel and Tourism Pathway	9.0000 Hospitality and Tourism Cluster
520999	Hospitality Administration/Management, Other	9.3000	Travel and Tourism Pathway	9.0000 Hospitality and Tourism Cluster
521905	Tourism and Travel Services Marketing Operations	9.3000	Travel and Tourism Pathway	9.0000 Hospitality and Tourism Cluster
521906	Tourism Promotion Operations	9.3000	Travel and Tourism Pathway	9.0000 Hospitality and Tourism Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
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<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
190604	Facilities Planning and Management	9.4000	Recreation, Amusements and Attractions Pathway	9.0000	Hospitality and Tourism Cluster
520906	Resort Management	9.4000	Recreation, Amusements and Attractions Pathway	9.0000	Hospitality and Tourism Cluster
521910	Hospitality and Recreation Marketing Operations	9.4000	Recreation, Amusements and Attractions Pathway	9.0000	Hospitality and Tourism Cluster
190706	Child Development	10.1000	Early Childhood Development and Services Pathway	10.0000	Human Services Cluster
190708	Child Care and Support Services Management	10.1000	Early Childhood Development and Services Pathway	10.0000	Human Services Cluster
190709	Child Care Provider/Assistant	10.1000	Early Childhood Development and Services Pathway	10.0000	Human Services Cluster
380101	Philosophy	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380102	Logic	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380103	Ethics	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380199	Philosophy, Other	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380201	Religion/Religious Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380202	Buddhist Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380203	Christian Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380204	Hindu Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380205	Islamic Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380206	Jewish/Judaic Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
380299	Religion/Religious Studies, Other	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
389999	Philosophy and Religion, Other	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390201	Bible/Biblical Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390301	Missions/Missionary Studies and Missiology	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390401	Religious Education	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390501	Religious/Sacred Music	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390601	Theology/Theological Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390602	Divinity/Ministry BD, Mdiv.	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390604	Pre-Theology/Pre-Ministerial Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390605	Rabbinical Studies	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390606	Talmudic Studies N	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390699	Theological and ministerial Studies, Other	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390701	Pastoral Studies/Counseling	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390702	Youth Ministry New	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
390799	Pastoral Counseling and Specialized Ministries, Other	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
399999	Theological Studies and Religious Vocations, Other	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
420401	Community Psychology	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
420601	Counseling Psychology	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
420701	Developmental and Child Psychology	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
511501	Substance Abuse/Addiction Counseling	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
511504	Community Health Services/Liaison/Counseling	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
511505	Marriage and Family Therapy/Counseling	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
511506	Clinical Pastoral Counseling/Patient Counseling	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
511508	Mental Health Counseling/Counselor	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
511599	Mental & Social Health Services & Allied Professions, Other	10.2000	Counseling and Mental Health Services Pathway	10.0000	Human Services Cluster
190000	Work and Family Studies	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
190701	Human Development and Family Studies, General	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
190702	Adult Development and Aging	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
190704	Family Systems	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
190707	Family and Community Services	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
190799	Human Development, Family Studies, & Related Services, Other	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
440000	Human Services, General	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
440201	Community Organization and Advocacy	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
440701	Social Work	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
440702	Youth Services/Administration	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
440799	Social Work, Other	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
449999	Public Administration and Social Service Professions, Other	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
450101	Social Sciences, General	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
451101	Sociology	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
459999	Social Sciences, Other	10.3000	Family and Community Services Pathway	10.0000	Human Services Cluster
120301	Funeral Service and Mortuary Science, General	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
120302	Funeral Direction/Service	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120303	Mortuary Science and Embalming/Embalmer	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120399	Funeral Service and Mortuary Science, Other	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120401	Cosmetology/Cosmetologist, General	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120402	Barbering/Barber	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120404	Electrolysis/Electrology and Electrolysis Technician	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120406	Make-Up Artist/Specialist	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120407	Hair Styling/Stylist and Hair Design	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120408	Facial Treatment Specialist/Facialist	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120409	Aesthetician/Esthetician and Skin Care Specialist	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120410	Nail Technician/Specialist and Manicurist	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120411	Permanent Cosmetics/Makeup and Tattooing	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120412	Salon/Beauty Salon Management/Manager	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120413	Cosmetology, Barber/Styling, and Nail Instructor	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
120499	Cosmetology and Related Personal Grooming Arts, Other	10.4000	Personal Care Services Pathway	10.0000	Human Services Cluster
190101	Family and Consumer Sciences/Human Sciences, General	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
190201	Business Family and Consumer Sciences/Human Sciences	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
190202	Family and Consumer Sciences/Human Sciences Communication	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
190203	Consumer Merchandising/Retailing Management	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
190299	Family & Consumer Sciences/Human Sciences Business Services, Other	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
190401	Family Resource Management Studies, General	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
190402	Consumer Economics	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
190403	Consumer Services and Advocacy	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
190499	Family and Consumer Economics and Related Services, Other	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
199999	Family and Consumer Sciences/Human Sciences, Other	10.5000	Consumer Services Career Pathway	10.0000	Human Services Cluster
110701	Computer Science	11.1000	Network Systems Pathway	11.0000	Information Technology Cluster
110801	Web Page, Digital/Multimedia & Information Resources Design	11.1000	Network Systems Pathway	11.0000	Information Technology Cluster
110901	Computer Systems Networking and Telecommunications	11.1000	Network Systems Pathway	11.0000	Information Technology Cluster
111002	System, Networking, and LAN/WAN Management/Manager	11.1000	Network Systems Pathway	11.0000	Information Technology Cluster
110101	Computer and Information Sciences, General	11.2000	Information Support Services	11.0000	Information Technology Cluster
110103	Information Technology	11.2000	Information Support Services	11.0000	Information Technology Cluster
110199	Computer and Information Sciences, Other	11.2000	Information Support Services	11.0000	Information Technology Cluster
110301	Data Processing and Data Processing Technology/Technician	11.2000	Information Support Services	11.0000	Information Technology Cluster
110401	Information Science/Studies	11.2000	Information Support Services	11.0000	Information Technology Cluster
110802	Data Modeling/Warehousing and Database Administration	11.2000	Information Support Services	11.0000	Information Technology Cluster
111001	System Administration/Administrator	11.2000	Information Support Services	11.0000	Information Technology Cluster
111099	Computer/Information Technology Services Administration & Management, Other	11.2000	Information Support Services	11.0000	Information Technology Cluster
119999	Computer and Information Sciences & Support Services, Other	11.2000	Information Support Services	11.0000	Information Technology Cluster
110102	Artificial Intelligence and Robotics	11.3000	Interactive Media Pathway	11.0000	Information Technology Cluster
110899	Computer Software and Media Applications, Other	11.3000	Interactive Media Pathway	11.0000	Information Technology Cluster
111004	Web/Multimedia Management and Webmaster	11.3000	Interactive Media Pathway	11.0000	Information Technology Cluster
110201	Computer Programming/Programmer, General	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster
110202	Computer Programming, Specific Applications	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
110203	Computer Programming, Vendor/Product Certification	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster
110299	Computer Programming, Other	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster
110501	Computer Systems Analysis/Analyst	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster
111003	Computer and Information Systems Security	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster
140901	Computer Engineering, General	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster
140903	Computer Software Engineering	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster
140999	Computer Engineering, Other	11.4000	Programming and Software Development Pathway	11.0000	Information Technology Cluster
430102	Corrections	12.1000	Correction Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430110	Juvenile Corrections	12.1000	Correction Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430113	Corrections Administration	12.1000	Correction Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430199	Corrections and Criminal Justice, Other	12.1000	Correction Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430201	Fire Protection and Safety Technology/Technician	12.2000	Emergency and Fire Management Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430202	Fire Services Administration	12.2000	Emergency and Fire Management Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430203	Fire Science/Firefighting	12.2000	Emergency and Fire Management Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430299	Fire Protection, Other	12.2000	Emergency and Fire Management Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430109	Security and Loss Prevention Services	12.3000	Security and Protective Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430112	Securities Services Administration/Management	12.3000	Security and Protective Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>			
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
439999	Security and Protective Services, Other	12.3000	Security and Protective Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430103	Criminal Justice/Law Enforcement Administration	12.4000	Law Enforcement Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430104	Criminal Justice/Safety Studies	12.4000	Law Enforcement Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430106	Forensic Science and Technology	12.4000	Law Enforcement Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430107	Criminal Justice/Police Science	12.4000	Law Enforcement Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
430111	Criminalistics and Criminal Science	12.4000	Law Enforcement Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
450401	Criminology	12.4000	Law Enforcement Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220000	Legal Studies, General	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220001	Pre-Law Studies	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220101	Law (LL.B., J.D.)	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220201	Advanced Legal Research/Studies, General (LL.M., M.C.L., M.L.I., M.S.L., J.S.D./S.J.D.)	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220202	Programs for Foreign Lawyers (LL.M., M.C.L.)	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220203	American/U.S. Law/Legal Studies/Jurisprudence (LL.M., M.C.J., J.S.D./S.J.D.)	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220204	Canadian Law/Legal Studies/Jurisprudence (LL.M., M.C.J., J.S.D./S.J.D.)	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220205	Banking, Corporate, Finance, & Securities Law (LL.M., J.S.D./S.J.D.)	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster
220206	Comparative Law (LL.M., M.C.L., J.S.D./S.J.D.)	12.5000	Legal Services Pathway	12.0000	Law, Public Safety, Corrections and Security Cluster

<b>Instructional Programs by Clusters/Pathways</b>				
<b>Table 2: CIP-Pathway-Cluster</b>				
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>	
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<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code Cluster Title</b>
220207	Energy, Environment, & Natural Resources Law (LL.M., M.S., J.S.D./S.J.D.).	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220208	Health Law (LL.M., M.J., J.S.D./S.J.D.)	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220209	International Law & Legal Studies (LL.M., J.S.D./S.J.D.)	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220210	International Business, Trade, & Tax Law (LL.M., J.S.D./S.J.D.).	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220211	Tax Law/Taxation (LL.M., J.S.D./S.J.D.).	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220299	Legal Research & Advanced Professional Studies, Other	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220301	Legal Administrative Assistant/Secretary	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220302	Legal Assistant/Paralegal	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220303	Court Reporting/Court Reporter	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
220399	Legal Support Services, Other	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
229999	Legal Professions and Studies, Other	12.5000	Legal Services Pathway	12.0000 Law, Public Safety, Corrections and Security Cluster
480000	Precision Production Trades, General	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480303	Upholstery/Upholsterer	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480304	Shoe, Boot and Leather Repair	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480399	Leatherworking and Upholstery, Other	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480501	Machine Tool Technology/Machinist	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480503	Machine Shop Technology/Assistant	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480506	Sheet Metal Technology/Sheetworking	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480507	Tool and Die Technology/Technician	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480508	Welding Technology/Welder	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480701	Woodworking, General	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480702	Furniture Design and Manufacturing	13.1000	Production Pathway	13.0000 Manufacturing Cluster
480703	Cabinetmaking and Millwork/Millwright	13.1000	Production Pathway	13.0000 Manufacturing Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
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<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
480799	Woodworking, Other	13.1000	Production Pathway	13.0000	Manufacturing Cluster
489999	Precision Production, Other	13.1000	Production Pathway	13.0000	Manufacturing Cluster
150304	Laser and Optical Technology/Technician	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
150404	Instrumentation Technology/Technician	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
190901	Apparel and Textiles, General	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
190902	Apparel and Textile Manufacture	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
190904	Textile Science	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
190999	Apparel and Textiles, Other	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
410301	Chemical Technology/Technician	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
410399	Physical Science Technologies/Technicians, Other	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
419999	Science Technologies/Technicians, Other	13.2000	Manufacturing Production Process Development	13.0000	Manufacturing Cluster
150303	Electrical, Electronic & Communications Engineering Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150305	Telecommunications Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150399	Electrical & Electronic Engineering Technologies/Technicians, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150401	Biomedical Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150403	Electromechanical Technology/Electromechanical Engineering Technology	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150405	Robotics Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150499	Electromechanical & Instrumentation and Maintenance Technologies/Technicians, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150607	Plastics Engineering Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150611	Metallurgical Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150612	Industrial Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
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<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
150613	Manufacturing Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150699	Industrial Production Technologies/Technicians, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150701	Occupational Safety and Health Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150703	Industrial Safety Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150805	Mechanical Engineering/Mechanical Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150899	Mechanical Engineering Related Technologies/Technicians, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
151103	Hydraulics and Fluid Power Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
151199	Engineering-Related Technologies, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
151201	Computer Engineering Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
151202	Computer Technology/Computer Systems Technology	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
151203	Computer Hardware Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
151204	Computer Software Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
151299	Computer Engineering Technologies/Technicians, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
190605	Home Furnishings and Equipment Installers	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
410204	Industrial Radiologic Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
410205	Nuclear/Nuclear Power Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
410299	Nuclear & Industrial Radiologic Technologies/Technicians, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
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<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
470000	Mechanics and Repairers, General	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470101	Electrical/Electronics Equipment Installation & Repair, General	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470102	Business Machine Repair	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470104	Computer Installation and Repair Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470105	Industrial Electronics Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470106	Appliance Installation and Repair Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470303	Industrial Mechanics and Maintenance Technology	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470399	Heavy/Industrial Equipment Maintenance Technologies, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470402	Gunsmithing/Gunsmith	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470403	Locksmithing and Safe Repair	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470404	Musical Instrument Fabrication and Repair	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470408	Watchmaking and Jewelmaking	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470409	Parts & Warehousing Operations & Maintenance Technology/Technician	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
470499	Precision Systems Maintenance and Repair Technologies, Other	13.3000	Maintenance, Installation and Repair Pathway	13.0000	Manufacturing Cluster
150702	Quality Control Technology/Technician	13.4000	Quality Assurance Pathway	13.0000	Manufacturing Cluster
150799	Quality Control and Safety Technologies/Technicians, Other	13.4000	Quality Assurance Pathway	13.0000	Manufacturing Cluster
521401	Marketing/Marketing Management, General	14.1000	Management and Entrepreneurship Pathway	14.0000	Marketing Sales and Service Cluster
521403	International Marketing	14.1000	Management and Entrepreneurship Pathway	14.0000	Marketing Sales and Service Cluster
521499	Marketing, Other	14.1000	Management and Entrepreneurship Pathway	14.0000	

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
190905	Apparel and Textile Marketing Management	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
190906	Fashion and Fabric Consultant	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521501	Real Estate	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521803	Retailing and Retail Operations	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521804	Selling Skills and Sales Operations	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521899	General Merchandising, Sales, & Related Marketing Operations, Other	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521901	Auctioneering	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521902	Fashion Merchandising	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521903	Fashion Modeling	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521904	Apparel and Accessories Marketing Operations	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521909	Special Products Marketing Operations	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521999	Specialized Merchandising, Sales, & Related Marketing Operations, Other	14.2000	Professional Sales and Marketing Pathway	14.0000	Marketing Sales and Service Cluster
521801	Sales, Distribution, and Marketing Operations, General	14.3000	Buying and Merchandising Pathway	14.0000	Marketing Sales and Service Cluster
521802	Merchandising and Buying Operations	14.3000	Buying and Merchandising Pathway	14.0000	Marketing Sales and Service Cluster
521402	Marketing Research	14.5000	Marketing Information Management and Research Pathway	14.0000	Marketing Sales and Service Cluster
520208	E-Commerce/Electronic Commerce	14.7000	E-Marketing Pathway	14.0000	Marketing Sales and Service Cluster
140101	Engineering, General	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140201	Aerospace, Aeronautical and Astronautical Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140301	Agricultural/Biological Engineering and Bioengineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140401	Architectural Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140501	Biomedical/Medical Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140601	Ceramic Sciences and Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
140701	Chemical Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140801	Civil Engineering, General	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140802	Geotechnical Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140803	Structural Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140804	Transportation and Highway Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140805	Water Resources Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140899	Civil Engineering, Other	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
140902	Computer Hardware Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
141001	Electrical, Electronics and Communications Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
141101	Engineering Mechanics	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
141201	Engineering Physics	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
141301	Engineering Science	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
141401	Environmental/Environmental Health Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
141801	Materials Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
141901	Mechanical Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
142001	Metallurgical Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
142101	Mining and Mineral Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
142201	Naval Architecture and Marine Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
142301	Nuclear Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
142401	Ocean Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
142501	Petroleum Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
142701	Systems Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
142801	Textile Sciences and Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
143201	Polymer/Plastics Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
143301	Construction Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
143401	Forest Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
143501	Industrial Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
143601	Manufacturing Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
143901	Geological/Geophysical Engineering	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
149999	Engineering, Other	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
150000	Engineering Technology, General	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
151401	Nuclear Engineering Technology/Technician	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
151501	Engineering/Industrial Management	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
159999	Engineering Technologies/Technicians, Other	15.1000	Engineering and Technology Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
143101	Materials Science	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260101	Biology/Biological Sciences, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260102	Biomedical Sciences, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260202	Biochemistry	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260203	Biophysics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260204	Molecular Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260205	Molecular Biochemistry	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260206	Molecular Biophysics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260207	Structural Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260208	Photobiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260209	Radiation Biology/Radiobiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260210	Biochemistry/Biophysics and Molecular Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260299	Biochemistry, Biophysics and Molecular Biology, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260301	Botany/Plant Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260305	Plant Pathology/Phytopathology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260307	Plant Physiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260308	Plant Molecular Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>			
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
260399	Botany/Plant Biology, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260401	Cell/Cellular Biology and Histology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260403	Anatomy	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260404	Developmental Biology and Embryology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260405	Neuroanatomy	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260406	Cell/Cellular and Molecular Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260407	Cell Biology and Anatomy	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260499	Cell/Cellular Biology and Anatomical Sciences, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260502	Microbiology, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260503	Medical Microbiology and Bacteriology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260504	Virology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260505	Parasitology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260506	Mycology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260507	Immunology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260599	Microbiological Sciences and Immunology, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260701	Zoology/Animal Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260702	Entomology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
260707	Animal Physiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260708	Animal Behavior and Ethology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260709	Wildlife Biology New	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260799	Zoology/Animal Biology, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260801	Genetics, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260802	Molecular Genetics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260803	Microbial and Eukaryotic Genetics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260804	Animal Genetics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260805	Plant Genetics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260806	Human/Medical Genetics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260899	Genetics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260901	Physiology, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260902	Molecular Physiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260903	Cell Physiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260904	Endocrinology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260905	Reproductive Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260906	Neurobiology and Neurophysiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

Instructional Programs by Clusters/Pathways					
<b>Table 2: CIP-Pathway-Cluster</b>					
Single Assignment of CIP to Pathway		Sorted by Pathway			
September 2007 Version / Subject to Revision after Initial Use					
Classification of Instructional Programs		Career Pathways		Career Clusters	
Code	Program Title	Code	Pathway Title	Code	Cluster Title
260907	Cardiovascular Science	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260908	Exercise Physiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260909	Vision Science/Physiological Optics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260910	Pathology/Experimental Pathology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260911	Oncology and Cancer Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
260999	Physiology, Pathology, and Related Sciences, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261001	Pharmacology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261002	Molecular Pharmacology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261003	Neuropharmacology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261004	Toxicology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261005	Molecular Toxicology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261006	Environmental Toxicology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261007	Pharmacology and Toxicology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261099	Pharmacology and Toxicology, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261101	Biometry/Biometrics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261102	Biostatistics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261103	Bioinformatics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>			
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
261199	Biomathematics and Bioinformatics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261301	Ecology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261302	Marine Biology and Biological Oceanography	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261303	Evolutionary Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261304	Aquatic Biology/Limnology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261305	Environmental Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261306	Population Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261307	Conservation Biology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261308	Systematic Biology/Biological Systematics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261309	Epidemiology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
261399	Ecology, Evolution, Systematics & Population Biology, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
269999	Biological and Biomedical Sciences, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270101	Mathematics, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270102	Algebra and Number Theory	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270103	Analysis and Functional Analysis	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270104	Geometry/Geometric Analysis	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270105	Topology and Foundations	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

Instructional Programs by Clusters/Pathways					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>			
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
Classification of Instructional Programs		Career Pathways		Career Clusters	
Code	Program Title	Code	Pathway Title	Code	Cluster Title
270199	Mathematics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270301	Applied Mathematics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270303	Computational Mathematics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270399	Applied Mathematics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270501	Statistics, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270502	Mathematical Statistics and Probability	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
270599	Statistics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
279999	Mathematics and Statistics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
300101	Biological and Physical Sciences	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
300601	Systems Science and Theory	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
300801	Mathematics and Computer Science	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301001	Biopsychology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301101	Gerontology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301201	Historic Preservation and Conservation	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301202	Cultural Resource Management and Policy Analysis	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301299	Historic Preservation and Conservation, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301301	Medieval and Renaissance Studies	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
301501	Science, Technology and Society	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301701	Behavioral Sciences	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301801	Natural Sciences	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
301901	Nutrition Sciences	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
302001	International/Global Studies	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
302101	Holocaust and Related Studies	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
302201	Ancient Studies/Civilization	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
302202	Classical, Ancient Mediterranean, and Near Eastern/Asian Studies and Archaeology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
302401	Neuroscience	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
302501	Cognitive Science	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
309999	Multi-/Interdisciplinary Studies, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400101	Physical Sciences	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400201	Astronomy	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400202	Astrophysics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400203	Planetary Astronomy and Science	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400299	Astronomy and Astrophysics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400401	Atmospheric Sciences and Meteorology, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
400402	Atmospheric Chemistry and Climatology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400403	Atmospheric Physics and Dynamics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400404	Meteorology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400499	Atmospheric Sciences and Meteorology, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400501	Chemistry, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400502	Analytical Chemistry	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400503	Inorganic Chemistry	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400504	Organic Chemistry	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400506	Physical and Theoretical Chemistry	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400507	Polymer Chemistry	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400508	Chemical Physics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400599	Chemistry, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400601	Geology/Earth Science, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400602	Geochemistry	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400603	Geophysics and Seismology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400604	Paleontology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400605	Hydrology and Water Resources Science	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

Instructional Programs by Clusters/Pathways					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>			
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
Classification of Instructional Programs		Career Pathways		Career Clusters	
Code	Program Title	Code	Pathway Title	Code	Cluster Title
400606	Geochemistry and Petrology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400607	Oceanography, Chemical and Physical	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400699	Geological and Earth Sciences/Geosciences, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400801	Physics, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400802	Atomic/Molecular Physics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400804	Elementary Particle Physics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400805	Plasma and High-Temperature Physics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400806	Nuclear Physics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400807	Optics/Optical Sciences	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400808	Solid State and Low-Temperature Physics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400809	Acoustics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400810	Theoretical and Mathematical Physics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
400899	Physics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
409999	Physical Sciences, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450201	Anthropology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450202	Physical Anthropology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450299	Anthropology, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
450301	Archeology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450501	Demography and Population Studies	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450601	Economics, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450602	Applied Economics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450603	Econometrics and Quantitative Economics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450604	Development Economics and International Development	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450605	International Economics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450699	Economics, Other	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450701	Geography	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450702	Cartography	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
450799	Geography, Other N	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
451003	Canadian Government and Politics	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
511401	Medical Scientist (MS, PhD)	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
540101	History, General	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
540102	American History (United States)	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
540103	European History	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster
540104	History and Philosophy of Science and Technology	15.3000	Science and Mathematics Pathway	15.0000	Science, Technology, Engineering and Mathematics Cluster

Instructional Programs by Clusters/Pathways				
<b>Table 2: CIP-Pathway-Cluster</b>				
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>				
Classification of Instructional Programs		Career Pathways		Career Clusters
Code	Program Title	Code	Pathway Title	Code Cluster Title
540105	Public/Applied History and Archival Administration	15.3000	Science and Mathematics Pathway	15.0000 Science, Technology, Engineering and Mathematics Cluster
540106	Asian History	15.3000	Science and Mathematics Pathway	15.0000 Science, Technology, Engineering and Mathematics Cluster
540107	Canadian History	15.3000	Science and Mathematics Pathway	15.0000 Science, Technology, Engineering and Mathematics Cluster
540199	History, Other	15.3000	Science and Mathematics Pathway	15.0000 Science, Technology, Engineering and Mathematics Cluster
150801	Aeronautical/Aerospace Engineering Technology/Technician	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
150803	Automotive Engineering Technology/Technician	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490101	Aeronautics/Aviation/Aerospace Science & Technology, General	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490102	Airline/Commercial/Professional Pilot and Flight Crew	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490104	Aviation/Airway Management and Operations	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490105	Air Traffic Controller	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490106	Airline Flight Attendant	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490108	Flight Instructor	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490199	Air Transportation, Other	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490205	Truck and Bus Driver/Commercial Vehicle Operation	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490299	Ground Transportation, Other	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490309	Marine Science/Merchant Marine Officer	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster
490399	Marine Transportation, Other	16.1000	Transportation Operations Pathway	16.0000 Transportation, Distribution, and Logistics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
499999	Transportation and Materials Moving, Other	16.1000	Transportation Operations Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
520209	Transportation/Transportation Management	16.2000	Logistics Planning and Management Services Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
520409	Parts, Warehousing, & Inventory Management Operations	16.3000	Warehousing and Distribution Center Operations Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
520410	Traffic, Customs, & Transportation Clerk/Technician	16.3000	Warehousing and Distribution Center Operations Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470603	Autobody/Collision and Repair Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470604	Automobile/Automotive Mechanics Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470605	Diesel Mechanics Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470606	Small Engine Mechanics and Repair Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470607	Airframe Mechanics & Aircraft Maintenance Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470608	Aircraft Powerplant Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470609	Avionics Maintenance Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470610	Bicycle Mechanics and Repair Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470611	Motorcycle Maintenance and Repair Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470612	Vehicle Emissions Inspection & Maintenance Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470613	Medium/Heavy Vehicle and Truck Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470614	Alternative Fuel Vehicle Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470615	Engine Machinist	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>			<b>Career Pathways</b>		<b>Career Clusters</b>
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
470616	Marine Maintenance/Fitter & Ship Repair Technology/Technician	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
470699	Vehicle Maintenance and Repair Technologies, Other.	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
479999	Mechanic and Repair Technologies/Technicians, Other	16.4000	Facility and Mobile Equipment Maintenance Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
521907	Vehicle & Vehicle Parts & Accessories Marketing Operations	16.7000	Sales and Service Pathway	16.0000	Transportation, Distribution, and Logistics Cluster
320101	Basic Skills, General <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
320104	Numeracy and Computational Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
320105	Job-Seeking/Changing Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
320107	Career Exploration/Awareness Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
320108	Literacy and Communication Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
320109	Second Language Learning <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
320199	Basic Skills, Other <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
330101	Citizenship Activities, General <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
330102	American Citizenship Education <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
330103	Community Awareness <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
330104	Community Involvement <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
330105	Canadian Citizenship Education <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
330199	Citizenship Activities, Other <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
340102	Birthing and Parenting Knowledge and Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
340103	Personal Health Improvement and Maintenance <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
340104	Addiction Prevention and Treatment <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
340199	Health-Related Knowledge and Skills, Other <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
350101	Interpersonal and Social Skills, General <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
350102	Interpersonal Relationships Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
350103	Business and Social Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
350199	Interpersonal Social Skills, Other <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway

<b>Instructional Programs by Clusters/Pathways</b>					
<b>Table 2: CIP-Pathway-Cluster</b>					
<b>Single Assignment of CIP to Pathway</b>			<b>Sorted by Pathway</b>		
<b>September 2007 Version / Subject to Revision after Initial Use</b>					
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>		<b>Career Clusters</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>	<b>Code</b>	<b>Cluster Title</b>
360101	Leisure and Recreational Activ-ties, General <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360102	Handicrafts and Model-Making <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360103	Board, Card and Role-Playing Games <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360105	Home Maintenance and Improvement <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360106	Nature Appreciation <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360107	Pet Ownership and Care <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360108	Sports and Exercise <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360109	Travel and Exploration <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360110	Art <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360111	Collecting <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360112	Cooking and Other Domestic Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360113	Computer Games and Programming Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360114	Dancing <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360115	Music <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360116	Reading <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360117	Theatre/Theater <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360118	Writing <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
360199	Leisure and Recreational Activities, Other <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
370101	Self-Awareness and Personal Assessment <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
370102	Stress Management and Coping Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
370103	Personal Decision-Making Skills <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
370104	Self-Esteem and Values Clarification <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
370199	Personal Awareness and Self-Improvement, Other <sup>1</sup>	17.0000	Not Assigned to a Career Cluster/Pathway	17.0000	Not Assigned to a Career Cluster/Pathway
210101	Technology Education/Industrial Arts	18.0000	General High School Programs not assigned to a career cluster	18.0000	General High School Programs not assigned to a career cluster
530100	High School/Secondary Diplomas and Certificates	18.0000	General High School Programs not assigned to a career cluster	18.0000	General High School Programs not assigned to a career cluster
530200	High School/Secondary Certificate Programs Diplomas and Certificates	18.0000	General High School Programs not assigned to a career cluster	18.0000	General High School Programs not assigned to a career cluster

<b>Instructional Programs by Clusters/Pathways</b>			
<b>Table 2: CIP-Pathway-Cluster</b>			
<b>Single Assignment of CIP to Pathway</b>		<b>Sorted by Pathway</b>	
<b>September 2007 Version / Subject to Revision after Initial Use</b>			
<b>Classification of Instructional Programs</b>		<b>Career Pathways</b>	
<b>Code</b>	<b>Program Title</b>	<b>Code</b>	<b>Pathway Title</b>
<b>Code</b>			<b>Cluster Title</b>
<b>All programs assigned to a single cluster/pathway for data reporting and related uses</b>			
<b>1/ These programs are not formal academic or occupationally-specific and do not result in transferable credit.</b>			
<b>Prepared by:</b>			
<b>DTI Associates, Inc</b>			
<b>under contract no. ED-04-CO-0121/0001 with U.S. Department of Education, OVAE</b>			
<b>author: Richard Dempsey; reviewer: Don Hilber, DTI</b>			
<b>last update: September 28, 2007</b>			
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