

<b>Cluster</b>	<b>New Program Title</b>	<b>CIPs Included</b>
Agriculture, Food, and Natural Resources	<a href="#">Agriculture and Environmental Systems</a>	<b>Agribusiness Systems (01.0101); Animal Systems (01.0901); Biotechnology Systems (01.0000); Environmental Service Systems (15.0507); Food Products and Processing Systems (01.0401); Natural Resource Systems (03.0101); Plant Systems (01.0601); and Power, Structural and Technical Systems (01.0201)</b>
Arts, Audio/Video Technology and Communications	<a href="#">Arts and Communication</a>	<b>Graphic Communications (10.0301); Radio and Television Broadcasting Technology/ Technician (10.0202);Commercial Photography (50.0406); and Journalism (09.0401)</b>
Business Management and Administration	<a href="#">Business Systems</a>	<b>Business Management &amp; Administration (52.0201); Entrepreneurship/ Entrepreneurial Studies (52.0701); Human Resources Management/Personnel Administration (52.1001); and Administrative Assistant and Secretarial Science (52.0401)</b>
Finance	<a href="#">Finance Systems</a>	<b>Finance (52. 0801) and Accounting (52.0301)</b>
Marketing	<a href="#">Marketing</a>	<b>Marketing (52.1401) and Real Estate (52.1501)</b>
Hospitality and Tourism	<a href="#">Tourism Management</a>	<b>Tourism and Travel Services Management (52.0903); Hotel/Motel Management (52.0904); and Parks, Recreation and Leisure Facilities Management (31.0301)</b>
	<a href="#">Culinary Arts</a>	<b>Cooking and Related Culinary Arts (12.0500)</b>
Education and Training	<a href="#">Education Professions</a>	<b>Education, General (13.0101) and Early Childhood Education and Training (13.1210)</b>
Human Services	<a href="#">Family and Human Services</a>	<b>Work and Family Studies (19.1001); Adult Development and Aging (19.0702); Child Care Provider (19.0709); Social Work (44.0701); Foods, Nutrition, and Wellness Studies (19.0501); Housing and Human Environments (19.0601); and Apparel and Textile (19.0901)</b>
	<a href="#">Personal Services</a>	<b>Cosmetology/Cosmetologist, General (12.0401); Barbering/Barber (12.0402); and Nail Technician/ Specialist and Manicurist (12.0410)</b>
Law, Public Safety, Corrections and Security	<a href="#">Law and Public Safety</a>	<b>Criminal Justice/Police Science (43.0107); Fire Science/Firefighting (43.0203); and Security and Loss Prevention Services (43.0109)</b>
	<a href="#">Legal Professions</a>	<b>Legal Assistant/ Paralegal (22.0302) and Court Reporting and Captioning/Court Reporter (22.0303)</b>
Government and Public Administration	<a href="#">Military and Public Service</a>	<b>Air Force JROTC/ROTC (28.0101); Army JROTC/ROTC (28.0301); Navy/Marine Corps JROTC/ROTC (28.0401);and Public Administration (44.0401)</b>
Health Sciences	<a href="#">Health Professions</a>	<b>Health Services/Allied Health/ Health Sciences (51.0000); Dental Assisting/Assistant (51.0601); Health Unit Coordinator/Ward Clerk (51.0703); Medical Insurance Coding Specialist/Coder (51.0713); Medical/Clinical Assistant (51.0801 ); Pharmacy Technician (51.0805); Electro-Cardiograph Technology/Technician (51.0902); Emergency Medical Technology/Technician (EMT) (51.0904); Athletic Training/Trainer (51.0913); Physical Therapy Technician/Aide (51.2605); Clinical/Medical Laboratory Technician (51.1004); Phlebotomy Technician/ Phlebotomist (51.1009); Community Health Worker (51.1504); and Nursing Assistant/Aide And Patient Care Assistant/Aide (51.3902)</b>
Information Technology	<a href="#">Computer and Information Sciences</a>	<b>Computer Programming/ Programmer, General (11.0201); Computer Science (11.0701); Web Page, Digital/ Multimedia, and Information Resources Design (11.0801); Computer Networking (11.0901); and Computer Installation and Repair Technology/ Technician (47.0104)</b>
Architecture and Construction	<a href="#">Construction and Design</a>	<b>Drafting and Design Technology/Technician, General (15.1301); Construction Trades, General (46.0000); Electrician (46.0302); Building/Property Maintenance (46.0401); Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician (47.0201); and Heavy Equipment Technology/ Technician (47.0302)</b>
Manufacturing	<a href="#">Manufacturing Systems</a>	<b>Industrial Electronics Technology/Technician (47.0105); Machine Tool Technology/ Machinist (48.0501); Sheet Metal Technology/Sheet-working (48.0506); Welding Technology/ Welder (48.0508); Cabinetmaking and Millwork (48.0703)</b>
Science, Technology, Engineering, and Math (STEM); and Energy	<a href="#">Engineering and Energy Systems</a>	<b>Engineering Technology, General (15.0000); Energy Systems Technology/Technician (15.1701); Solar Energy Technology/Technician (15.1703); Wind Energy Technology/Technician (15.1704)</b>
Transportation, Distribution, and Logistics (TDL)	<a href="#">Transportation And Distribution</a>	<b>Parts and Warehousing Operations and Maintenance Technician (47.0409); Auto-body/Collision and Repair Technology/Technician (47.0603); Automobile/Automotive Mechanics Technology/Technician (47.0604); Aircraft Power-plant Technology/Technician (47.0608); Airline / Commercial / Professional Pilot and Flight Crew (49.0102); Truck and Bus Driver/Commercial Vehicle Operator and Instructor (49.0205); and Forklift Operation/Operator (49.0209)</b>

\*Course group definitions can be found below, and course groups are identified in the program matrices.