



EXPLORING CAREERS – CAREER CLUSTERS

Career Clusters are categories of jobs or occupations in the same field of work that require similar skills. You can use Career Clusters to help focus education plans toward obtaining the necessary knowledge, skills, and training for success in a particular field. Following are 16 career clusters with descriptions and related career pathways.



Agriculture, Food and Natural Resources

Processing, production, distribution, financing, and development of agricultural commodities and natural resources.

- Agribusiness Systems
- Animal Systems
- Environmental Service Systems
- Food Products & Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural & Technical Systems



Architecture and Construction

Designing, planning, managing, building and maintaining the built environment.

- Construction
- Design/Pre-Construction
- Maintenance/Operations



Arts, Audio-Video Technology and Communications

Creating, exhibiting, performing, writing, and publishing multimedia content

including visual and performing arts and design, journalism, and entertainment services.

- A/V Technology & Film
- Journalism & Broadcasting
- Performing Arts
- Printing Technology
- Telecommunications
- Visual Arts



Business, Management and Administration

Planning, organizing, directing and evaluating functions essential to productive business operations.

- Administrative Support
- Business Information Management
- General Management
- Human Resources Management
- Operations Management



Education and Training

Providing education and training services, and related learning support services.

- Administration & Administrative Support
- Professional Support Services
- Teaching/Training



Introduction



Finance

Planning/managing finances and investments; managing banking, insurance, and business finances.

- Banking Services
- Business Finance
- Insurance
- Securities & Investments



Government and Public Administration

Performing government functions at the local, state and federal levels.

- Foreign Service
- Governance
- National Security
- Planning
- Public Management & Administration
- Regulation
- Revenue & Taxation



Health Science

Providing diagnostic and therapeutic services, health information, support services, and biotechnology research and development.

- Biotechnology Research & Development
- Diagnostic Services
- Health Informatics
- Support Services
- Therapeutic Services



Hospitality and Tourism

Operating restaurants and other food services, lodging, attractions, recreation events and travel-related services.

- Lodging
- Recreation, Amusements & Attractions
- Restaurants & Food/Beverage Services
- Travel & Tourism



Human Services

Providing services for individuals and families and serving human needs.

- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development Services
- Family & Community Services
- Personal Care Services



Information Technology

Designing, supporting, and managing hardware, software, multimedia and systems integration services.

- Information Support & Services
- Network Systems
- Programming & Software Development
- Web & Digital Communications

The CareerOneStop has online videos about each of the Career Clusters. Learn more: <https://www.careeronestop.org/Videos/CareerVideos/career-videos.aspx>

Introduction



Law, Public Safety, Corrections and Security

Providing legal, public safety, protective services and homeland security.

- Correction Services
- Emergency & Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services



Manufacturing

Processing of materials into intermediate or final products.

- Health, Safety & Environmental Assurance
- Logistics & Inventory Control
- Maintenance, Installation and Repair
- Manufacturing Production Process Development
- Production
- Quality Assurance



Marketing

Performing marketing activities to reach organizational objectives.

- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales



Science, Technology, Engineering and Mathematics

Performing scientific research and professional and technical services, including laboratory and testing services, and research and development services.

- Engineering & Technology
- Science & Mathematics



Transportation, Distribution and Logistics

Managing movement of people, materials, and goods by road, pipeline, air, rail and water.

- Facility & Mobile Equipment Maintenance
- Health, Safety & Environmental Management
- Logistics Planning & Management Services
- Sales & Service
- Transportation Operations
- Transportation Systems/Infrastructure
- Planning, Management & Regulation
- Warehousing & Distribution Center
- Operations

*Source: Based on the national Career Clusters® Framework - Advance CTE: State Leaders Connecting Learning to Work
<https://careertech.org/>*

To learn about programs of study related to the Career Clusters, visit WV Department of Education Career Technical Education - Program Area Documents and Programs of Study: <http://careertech.k12.wv.us/OCTIWebsiteRevisions/16Clusters/20142015ProgramAreasMainPage.html>