Career clusters are groups of similar occupations and industries. 16 career clusters were identified and developed by the U.S. Department of Education as a way to organize career planning.

Review the clusters and identify the areas in which you are most interested. Select the sample job titles for each cluster that interest you as well. You can find more job titles and detailed information for each job title at O*NET Online (http://www.onetonline.org/find/).

**Agriculture, Food and Natural Resources**
*Production, processing, marketing, distribution, financing, and development of agricultural commodities and resources includes food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.*

- **Agribusiness Systems**
  - Financial Managers, Branch or Department
  - Purchasing Agents and Buyers, Farm Products
- **Animal Systems**
  - Animal Scientists
  - Veterinarians
  - Veterinary Technologists and Technicians
  - Zoologists and Wildlife Biologists
- **Environmental Service Systems**
  - Environmental Engineers
  - Environmental Science and Protection Technicians, Including Health
  - Water and Liquid Waste Treatment Plant and System Operators

**Natural Resources Systems**
- Cartographers
- Geological and Petroleum Technicians
- Geological Sample Test Technicians
- Natural Sciences Managers

**Plant Systems**
- Foresters
- Soil and Plant Scientists
- Soil and Water Conservationists

**Architecture and Construction**
*Designing, planning, managing, building and maintaining of the built environment.*

- **Construction**
  - Construction Managers
  - First-Line Supervisors/Managers of Construction Trades
  - Solar Energy Installation Managers
  - Solar Photovoltaic Installers
- **Design/Pre-Construction**
  - Architects, Except Landscape and Naval
  - Civil Engineers

**Interiors/Operations**
- Interior Designers
- Landscape Architects
- Mechanical Drafters
- Surveyors

**Arts, Audio/Video Technology and Communications**
*Designing, producing, exhibiting, performing, writing and publishing of multimedia content including visual and performing arts and design, journalism and entertainment services.*

- **Audio and Video Technology and Film**
  - Graphic Designers
  - Sound Engineering Technicians
- **Journalism and Broadcasting**
  - Broadcast News Analysts
  - Copy Writers
  - Editors
  - Radio and Television Announcers
  - Reporters and Correspondents
- **Performing Arts**
  - Actors
  - Choreographers
  - Dancers
  - Directors- Stage, Motion Pictures, Television, and Radio
  - Entertainers and Performers, Sports and Related Workers, Film and Video Editors

**Performance/Costume**
- Makeup Artists, Theatrical and Performance
- Music Directors and Composers
- Musicians and Singers
- Musicians, Instrumental
- Producers and Directors
- Program Directors
- Talent Directors
- Technical Directors/Managers
- Writers and Authors

**Printing Technology**
- Desktop Publishers
- Job Printers

**Telecommunications**
- Telecommunications Line Installers and Repairers
Visual Arts
Commercial and Industrial Designers
Craft Artists
Fine Artists, Including Painters, Sculptors, and Illustrators
Multi-Media Artists and Animators
Photographers

Business, Management and Administration
Planning, organizing, directing and evaluating of business functions essential to efficient and productive business operations.

Administrative and Information Support
Legal Secretaries
Library Assistants, Clerical
Medical Secretaries
New Accounts Clerks
Order Fillers, Wholesale and Retail Sales
Public Relations Specialists

Business Analysis
Budget Analysts
Energy Auditors
Management Analysts
Operations Research Analysts
Sustainability Specialists

Business Financial Management and Accounting
Accountants and Auditors
Bookkeeping, Accounting, and Auditing Clerks
Chief Executives
Financial Managers
Treasurers and Controllers

Human Resources
Compensation and Benefits Managers

Management
Administrative Services Managers
Agents and Business Managers of Artists, Performers, and Athletes
Chief Sustainability Officers
Compliance Managers
General and Operations Managers
Medical and Health Services Managers
Public Relations Managers
Purchasing Managers
Regulatory Affairs Managers
Wind Energy Project Managers

Marketing
Advertising and Promotions Managers
Advertising Sales Agents
Art Directors
Marketing Sales Managers
Sales Managers

Education and Training
Planning, managing and providing education and training services and related learning support services.

Administration and Administrative Support
Education Administrators
Instructional Coordinators

Professional Support Services
Clinical, Counseling, and School Psychologists
Educational, Vocational, and School Counselors
Instructional Designers and Technologists
Librarians

Teaching/Training
Adaptive Physical Education Specialists
Adult Literacy, Remedial Education, and GED Teachers and Instructors

Anthropology and Archeology Teachers, Postsecondary
Architecture Teachers, Postsecondary
Archivists
Coaches and Scouts
Communications Teachers, Postsecondary
Computer Science Teachers, Postsecondary
Curators
Special Education Teachers
Teachers and Instructors
Vocational Education Teachers

Finance
Planning, services for financial and investment planning, banking, insurance and business financial management.

Banking and Related Services
Credit Analysts
Loan Officers
Title Examiners, Abstractors, and Searchers

Business Financial Management
Financial Analysts
Financial Quantitative Analysts
Fraud Examiners, Investigators, and Analysts

Financial and Investment Planning
Brokerage Clerks
Investment Fund Managers
Investment Underwriters

Personal Financial Advisors
Risk Management Specialists
Sales Agents, Financial Services
Securities and Commodities Traders
Securities, Commodities, and Financial Services Sales Agents
Tax Preparers

Insurance Services
Actuaries
Claims Adjusters, Examiners, and Investigators
Insurance Sales Agents
Insurance Underwriters

Government and Public Administration
Governmental functions including Governance; National Security; Foreign Service, Planning: Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.

**Governance**
- Legislators
- Compliance Officers
- Coroners
- Detectives and Criminal Investigators
- Financial Examiners
- Government Property Inspectors and Investigators
- Licensing Examiners and Inspectors

**Planning**
- Climate Change Analysts
- Economists
- Urban and Regional Planners
- **Revenue and Taxation**
- Appraisers and Assessors of Real Estate
- Tax Examiners, Collectors, and Revenue Agents

**Public Management and Administration**
- Court Clerks
- Postmasters and Mail Superintendents
- **Regulation**
- Compliance Officers
- Coroners
- Detectives and Criminal Investigators
- Financial Examiners
- Government Property Inspectors and Investigators
- Licensing Examiners and Inspectors

**Health Science**
Planning, managing and providing therapeutic services, diagnostic service, health informatics, support services, and biotechnology research and developments.

**Biotechnology Research and Development**
- Biomedical Engineers
- Clinical Data Managers
- Clinical Research Coordinators
- Medical Scientists
- **Diagnostic Services**
- Medical and Clinical Laboratory Technologists
- Nuclear Medicine Technologists
- Ophthalmic Medical Technologists and Technicians
- Radiologic Technologists and Technicians
- **Health Informatics**
- Epidemiologists
- Health Educators
- Informatics Nurse Specialists
- Medical Transcriptionists
- **Support Services**
- Mental Health and Substance Abuse Social Workers
- Patient Representatives
- **Therapeutic Services**
- Acupuncturists
- Allergists and Immunologists
- Anesthesiologists
- Athletic Trainers
- Audiologists
- Chiropractors
- Critical Care Nurses
- Dental Hygienists
- Dentists
- Dermatologists
- Dietitians and Nutritionists
- Family and General Practitioners
- Genetic Counselors
- Hospitalists
- Internists, General
- Midwives
- Naturopathic Physicians
- Neurologists
- Neuropsychologists and Clinical Neuropsychologists
- Nurse Practitioners
- Obstetricians and Gynecologists
- Occupational Therapists
- Ophthalmologists
- Optometrists
- Orthodontists
- Orthotists and Prosthetists
- Pathologists
- Pharmacists
- Physical Therapists
- Physician Assistants
- Podiatrists
- Psychiatrists
- Psychologists
- Registered Nurses
- Respiratory Therapists
- Speech-Language Pathologists
- Surgeons

**Hospitality and Tourism**
Management, marketing and operation of restaurants and other food services, lodging, attractions, recreation events and travel related services.

**Lodging**
- Concierges
- First-Line Supervisors/Managers
- Lodging Managers
- Recreation, Amusements and Attractions
- Animal Trainers
- Athletes and Sports Competitors
- Museum Technicians and Conservators
- Self-Enrichment Education Teachers
- Set and Exhibit Designers
- Umpires, Referees, and Other Sports Officials
- **Restaurants and Food/Beverage Services**
- Bakers
- Bartenders
- Chefs and Head Cooks
- Food Service Managers
- Waiters and Waitresses
- **Travel and Tourism**
- Interpreters and Translators
- Meeting and Convention Planners
- Reservation and Transportation Ticket Agents and Travel Clerks
- Travel Agents
- Travel Guides
Human Services

Careers related to serving families and a wide range of human needs.

**Consumer Services**
- Loan Counselors
- Property, Real Estate, and Community Association Managers

**Counseling and Mental Health Services**
- Marriage and Family Therapists
- Mental Health Counselors
- Rehabilitation Counselors
- Social and Community Service Managers
- Substance Abuse and Behavioral Disorder Counselors

**Early Childhood Development and Services**
- Child Care Workers
- Family and Community Services

**Information Technology**

Careers related to the design, development, support and management of hardware, software, multimedia and systems integration systems.

**Information Support and Services**
- Business Intelligence Analysts
- Computer Support Specialists
- Computer Systems Engineers/Architects
- Document Management Specialists
- Information Technology Project Managers
- Web Administrators

**Network Systems**
- Computer Security Specialists
- Data Warehousing Specialists
- Database Administrators
- Database Architects

**Programming and Software Development**
- Computer and Information Systems Managers
- Computer Programmers
- Computer Software Engineers
- Computer Systems Analysts
- Software Quality Assurance Engineers and Testers
- Video Game Designers
- Web Developers

**Law, Public Safety, Corrections and Security**

Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

**Correction Services**
- Correctional Officers and Jailers
- Probation Officers and Correctional Treatment Specialists
- Social Workers, All Other

**Emergency and Fire Management Services**
- Emergency Management Specialists
- Emergency Medical Technicians and Paramedics
- Fire Fighters
- Fire Investigators

**Law Enforcement Services**
- Criminal Investigators and Special Agents
- Forensic Science Technicians
- Police and Sheriff's Patrol Officers
- Police Detectives

**Security and Protective Services**
- Intelligence Analysts
- Loss Prevention Managers
- Private Detectives and Investigators
- Security Management Specialists
- Security Managers

**Manufacturing**

Planning, managing and performing the processing of materials into intermediate or final products and related technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

**Production**
- Biofuels Processing Technicians
- Biomass Plant Technicians
- Chemical Plant and System Operators
- Computer-Controlled Machine Tool Operators, Metal and Plastic
- Glass Blowers, Molders, Benders, and Finishers
- Grinding and Polishing Workers, Hand

**Legal Services**
- Administrative Law Judges, Adjudicators, and Hearing Officers
- Arbitrators, Mediators, and Conciliators
- Law Clerks
- Lawyers
- Paralegals and Legal Assistants

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**Industrial Engineering Technicians**
- Industrial Production Managers
- Mechanical Engineering Technicians
- Nuclear Power Reactor Operators
- Numerical Tool and Process Control Programmers
- Purchasing Agents, Except Wholesale, Retail, and Farm Products
- Semiconductor Processors

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- Purchasing Agents, Except Wholesale, Retail, and Farm Products
- Semiconductor Processors
Marketing, Sales and Service
Planning, managing, and performing marketing activities to reach organizational objectives.

Buying and Merchandising
Online Merchants
Procurement Clerks
Stock Clerks, Sales Floor

Marketing Information Management and Research
Market Research Analysts

Professional Sales and Marketing
Appraisers, Real Estate
Electronic Commerce Specialists
Fashion Designers
Real Estate Brokers
Real Estate Sales Agents
Sales Representatives
Wholesale and Retail Buyers

Science, Technology, Engineering and Mathematics
Planning, managing, and providing scientific research and services including laboratory and testing services and research and development services.

Engineering and Technology
Aerospace Engineers
Architectural and Civil Drafters
Biochemical Engineers
Chemical Engineers
Computer Hardware Engineers
Electrical Engineers
Energy Engineers
Engineering Managers
Fuel Cell Engineers
Industrial Engineers
Logistics Engineers
Manufacturing Engineers
Marine Engineers and Naval Architects
Materials Engineers
Mechanical Engineers
Nanosystems Engineers
Nuclear Engineers
Petroleum Engineers
Product Safety Engineers
Quality Control Systems Managers
Robotics Engineers
Solar Energy Systems Engineers
Technical Writers
Transportation Engineers
Validation Engineers
Water/Wastewater Engineers
Wind Energy Engineers

Science and Math
Atmospheric and Space Scientists
Biochemists and Biophysicists
Biofuels/Biodiesel Technology and Product Development Managers
Bioinformatics Scientists
Biostatisticians
Chemists
Environmental Economists
Environmental Restoration Planners
Geospatial Information Scientists and Technologists
Hydrologists
Industrial Ecologists
Materials Scientists
Microbiologists
Molecular and Cellular Biologists
Non-Destructive Testing Specialists
Park Naturalists
Quality Control Analysts
Statisticians
Survey Researchers
Water Resource Specialists

Transportation, Distribution and Logistics
Planning, management, and movement of people materials, and goods by road, pipeline, air, rail and water and support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Health, Safety and Environmental Management
Industrial Safety and Health Engineers

Logistics Planning and Management Services
Logistics Analysts
Logistics Managers
Sales and Service
Cargo and Freight Agents

Transportation Operations
Air Traffic Controllers
Airfield Operations Specialists
Airline Pilots, Copilots, and Flight Engineers
Ship Engineers
Subway and Streetcar Operators

Transportation Systems/Infrastructure Planning, Management and Regulation
Aviation Inspectors

Warehousing and Distribution Center Operations
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators
Laborers and Freight, Stock, and Material Movers, Hand
Shipping, Receiving, and Traffic Clerks
Storage and Distribution Managers
Supply Chain Managers
Tank Car, Truck, and Ship Loaders