



Planning Your Future: “Interests by Career Cluster and Job Titles”

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

Interior Designers
Landscape Architects
Mechanical Drafters
Surveyors

Maintenance/Operations

Geothermal Technicians
Stationary Engineers and Boiler Operators
Wind Turbine Service Technicians

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

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

Compensation, Benefits, and Job Analysis Specialists
Human Resources Managers
Training and Development Specialists

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 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

Planning

Climate Change Analysts

Economists

Urban and Regional Planners

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

Revenue and Taxation

Appraisers and Assessors of Real Estate

Tax Examiners, Collectors, and Revenue Agents

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

Child, Family, and School Social Workers
Clergy
Medical and Public Health Social Workers
Residential Advisors

Personal Care Services

Embalmers
First-Line Supervisors/Managers of Personal Service Workers
Fitness Trainers and Aerobics Instructors
Funeral Directors
Hairdressers, Hairstylists, and Cosmetologists
Massage Therapists

Information Technology

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

Network and Computer Systems Administrators
Network Designers
Network Systems and Data Communications Analysts
Telecommunications Specialists

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

Transportation Security Officers

Legal Services

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

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

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

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

Customs Brokers
Freight and Cargo Inspectors
Transportation Planners

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