Architecture and Engineering

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations plan machinery and buildings. They design, develop, and test electronic, mechanical, and physical tools or structures. They also develop methods for producing products. They use scientific knowledge and design skills.

Occupations

- Aerospace Engineers
- Agricultural Engineers
- Architects
- Cartographers and Photogrammetrists
- Chemical Engineers
- Civil Engineers
- Drafters
- Electrical and Electronics Engineers
- Engineering Technicians
- Environmental Engineers
- Industrial Engineers
- Landscape Architects
- Materials Engineers
- Mechanical Engineers
- Mining Engineers
- Nuclear Engineers
- Petroleum Engineers
- Safety Engineers
- Surveying and Mapping Technicians
- Surveyors

For more information about these occupations, go to: Career Learning Areas
Industries
Oregon Career Information System Clusters

Arts and Entertainment

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations create, entertain, compete, or inform. They use highly developed skills in the arts, design, athletics, or communication.

Occupations

- Actors
- Announcers
- Art Directors
- Broadcast Technicians
- Camera Operators
- Cartoonists
- Choreographers
- Coaches and Scouts
- Craft Artists
- Dancers
- Editors
- Fashion Designers
- Film and Video Editors
- Fine Artists
- Floral Designers
- Glass Blowers
- Graphic Designers
- Industrial Designers
- Interior Designers
- Jewelers
- Merchandise Displayers
- Models
- Movie Projectionists
- Music Composers, Directors, and Arrangers
- Musicians
- News Reporters
- Photographers
- Potters
- Producers and Directors
- Professional Athletes
- Set and Exhibit Designers
- Singers
- Sketch Artists
- Sound Engineers
- Technical Writers
- Umpires and Referees
- Writers

For more information about these occupations, go to Career Learning Areas Industries.

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Business and Financial
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations watch over the finances of businesses and organizations. Using accounting skills they set budgets. They help managers make decisions about hiring people and buying new equipment. They also keep tax records.

**Occupations**

- Accountants and Auditors
- Agents and Business Managers
- Appraisers and Assessors
- Budget Analysts
- Buyers and Purchasing Agents
- Compliance Officers and Inspectors
- Cost Estimators
- Credit Analysts
- Employee Training Specialists
- Employment Interviewers
- Employment Recruiters
- Financial Analysts
- Financial Counselors
- Financial Examiners
- Insurance Adjusters and Examiners
- Insurance Underwriters
- Job Benefits and Analysis Specialists
- Loan Officers
- Management Analysts
- Meeting and Convention Planners
- Public Relations Specialists
- Tax Examiners
- Tax Preparers

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Oregon Career Information System Clusters

Computer and Math
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations use numerical and computer skills. They solve problems, analyze results, and make decisions. They use computers to store, manipulate, and retrieve data.

Occupations

- Actuaries
- Computer Engineers
- Computer Programmers
- Computer Security Specialists
- Computer Support Specialists
- Computer Systems Administrators
- Computer Systems Analysts
- Data Communications Analysts
- Database Administrators
- Mathematical Technicians
- Mathematicians
- Operations Research Analysts
- Statisticians

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Oregon Career Information System Clusters

Construction and Extraction
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations use specialized skills to work with materials and processes. Construction workers build and maintain roads, houses, commercial buildings, and other structures. Extraction workers remove ore, coal, crude oil, natural gas, and water from the earth.

Occupations

- Boilermakers
- Bricklayers and Stonemasons
- Carpenters
- Cement Masons
- Construction and Building Inspectors
- Construction and Well Drillers
- Construction Helpers
- Drywall Finishers
- Drywall Installers
- Electrician Helpers
- Electricians
- Elevator Installers and Repairers
- Explosives Workers
- Fence Builders
- Floor and Carpet Layers
- Floor Sanding Machine Operators
- Gas and Oil Drillers
- General Construction Workers
- Glaziers
- Hazardous Material Workers
- Highway Maintenance Workers
- Insulation Installers
- Mining Machine Operators
- Operating Engineers
- Painters
- Paving Equipment Operators
- Pipelayers
- Plasterers
- Plumbers and Pipefitters
- Rock Splitters
- Roof Bolters
- Roofers
- Roustabouts
- Septic Tank Servicers and Sewer Pipe Cleaners
- Sheet Metal Workers
- Shipfitters
- Structural Metal Workers
- Tile Setters
- Wallpaper Hangers

For more information about these occupations, go to: Career Learning Areas Industries

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Education and Training

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations help others learn new knowledge and skills. They educate and instruct in many settings, most often in schools.

Occupations

- Archivists
- Audio-Visual Specialists
- College and University Teachers
- Curators
- Elementary School Teachers
- Farm and Home Management Advisors
- High School Teachers
- Instructional Coordinators
- Librarians
- Library Assistants and Bookmobile Drivers
- Library Technical Assistants
- Middle School Teachers
- Museum Technicians and Conservators
- Preschool and Kindergarten Teachers
- Professional Technical Education Teachers
- Special Education Teachers
- Teacher Aides

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Oregon Career Information System Clusters

Farm, Fishing, and Forestry
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations plan, inspect, or harvest products from farms, gardens, forests, streams, and oceans.

Occupations

- Agricultural Inspectors
- Agricultural Products Graders and Sorters
- Agricultural Worker Supervisors
- Animal Breeders
- Commercial Fishers
- Farm and Ranch Workers
- Farmers and Ranchers
- Fish and Wildlife Technicians
- Forest Conservation Workers
- Forestry Technicians
- Log Graders and Scalers
- Loggers
- Nursery Workers
- Seasonal Farm Laborers

For more information about these occupations, go to: Career Learning Areas
Industries
Food Preparation and Service
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations make and serve food and drinks to customers. They work in restaurants, cafeterias, and other eating and drinking places.

Occupations

- Bartenders
- Buspersons
- Chefs and Dinner Cooks
- Counter Attendants
- Fast Food Cooks
- Food Preparation Workers
- Food Service Worker Supervisors
- Kitchen Helpers
- Restaurant Hosts
- Short-Order Cooks
- Waiters and Waitresses

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Oregon Career Information System Clusters

Healthcare Practitioner
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations use medical knowledge and skills. They assess the health of patients and correct problems through surgery, treatment, or therapy.

Occupations

- Acupuncturists
- Anesthesiologists
- Chiropractors
- Dental Hygienists
- Dentists
- Dietitians
- Family and General Practitioners
- Internists
- Naturopathic Physicians
- Nurse Anesthetists
- Nurse Practitioners
- Obstetricians and Gynecologists
- Occupational Therapists
- Optometrists
- Pediatricians
- Pharmacists
- Physical Therapists
- Physician Assistants
- Podiatrists
- Psychiatrists
- Radiation Therapists
- Recreational Therapists
- Registered Nurses
- Respiratory Therapists
- Speech Pathologists and Audiologists
- Surgeons
- Veterinarians

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Healthcare Support
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations assist healthcare practitioners. They carry out treatments, therapies, and tests approved by the healthcare practitioners. They also do record keeping and other support activities.

Occupations

- Athletic Trainers
- Cardiovascular Technologists
- Dental Assistants
- Dental Laboratory Technicians
- Denturists
- Dietetic Technicians
- Electroneurodiagnostic Technologists
- Emergency Medical Technicians
- Health Information Technicians
- Home Health Aides
- Licensed Practical Nurses
- Massage Therapists
- Medical Assistants
- Medical Equipment Preparers
- Medical Laboratory Technicians
- Medical Laboratory Technologists
- Medical Sonographers
- Nuclear Medicine Technologists
- Nursing Assistants
- Occupational Health and Safety Specialists
- Occupational Therapist Assistants
- Opticians
- Orthotic and Prosthetic Specialists
- Pharmacy Aides
- Pharmacy Technicians
- Phlebotomists
- Physical Therapist Aides
- Physical Therapist Assistants
- Psychiatric Aides
- Psychiatric Technicians
- Radiologic Technologists
- Surgical Technologists
- Veterinary Assistants
- Veterinary Technologists and Technicians

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Installation Maintenance and Repair

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations install, maintain, and repair all types of equipment. They work on mechanical, electrical, hydraulic, and electronic equipment and systems.

Occupations

- Aircraft Mechanics
- Appliance Installers and Repairers
- Auto Body Repairers
- Auto Glass Installers
- Automatic Teller Machine Servicers
- Automobile Mechanics
- Bicycle Repairers
- Building Maintenance Workers
- Bus and Truck Mechanics
- Camera and Photographic Equipment Repairers
- Coin and Vending Machine Repairers
- Commercial Divers
- Communications Equipment Mechanics
- Computer Equipment Repairers
- Electric Motor Repairers
- Farm Equipment Mechanics
- Heating and Cooling System Mechanics
- Heavy Equipment Mechanics
- Home Electronics Repairers
- Industrial Electronics Repairers
- Industrial Machinery Mechanics
- Janitor and Housekeeper Supervisors
- Janitors
- Landscapers and Groundskeepers
- Line Installers and Repairers
- Locksmiths
- Mechanic and Repairer Helpers
- Medical Equipment Repairers
- Millwrights
- Mobile and Factory Home Installers
- Motorboat Mechanics
- Motorcycle Mechanics
- Musical Instrument Repairers and Tuners
- Office Machine Repairers
- Pest Control Workers
- Riggers
- Room Cleaners
- Small Engine Mechanics
- Tire Repairers and Changers
- Watch Repairers

For more information about these occupations, go to: Career Learning Areas Industries
Legal
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations use legal knowledge and skills to resolve conflicts and help people. They research, write, and record legal opinions and proceedings.

Occupations

- Arbitrators and Mediators
- Court Clerks
- Court Reporters
- Judges and Hearing Officers
- Law Clerks
- Lawyers
- Paralegals
- Title Examiners and Searchers

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Life and Physical Science
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations use an understanding of life and physical sciences. They research, manage natural resources, and solve problems.

**Occupations**

- Agricultural Scientists
- Animal Scientists
- Archeologists
- Astronomers
- Biologists
- Chemists
- Conservation Scientists
- Environmental Scientists
- Food Scientists
- Forensic Science Technicians
- Foresters
- Geologists and Geophysicists
- Hydrologists
- Marine Biologists
- Medical Scientists
- Meteorologists
- Microbiologists
- Oceanographers
- Park Naturalists
- Physicists
- Science Technicians
- Zoologists

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Management

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations make decisions and coordinate activities. They supervise people working to produce goods or provide services.

Occupations

- Administrative Services Managers
- Advertising Managers
- Business Executives
- College and University Administrators
- Computer and Information Systems Managers
- Construction Managers
- Education Administrators
- Engineering Managers
- Fast Food Service Managers
- Financial Managers
- Funeral Directors
- General and Operations Managers
- Health Services Administrators
- Hotel and Motel Managers
- Human Resources Managers
- Industrial Production Managers
- Marketing Managers
- Military Officers
- Natural Sciences Managers
- Postmasters and Mail Superintendents
- Property and Real Estate Managers
- Public Relations Managers
- Purchasing Managers
- Restaurant Managers
- Sales Managers
- Small Business Operators
- Social and Community Service Managers
- Storage and Transportation Managers

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Office and Administrative Support

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations aid communication and the flow of business within and between organizations. They keep records, greet customers, and help managers.

Occupations

- Bank Tellers
- Bill and Account Collectors
- Billing Clerks
- Bookkeeping and Accounting Clerks
- Brokerage Clerks
- Computer Operators
- Copy Machine Operators
- Couriers and Messengers
- Credit Checkers and Authorizers
- Customer Service Representatives
- Data Entry Keyers
- Dispatchers
- Executive Secretaries
- File Clerks
- General Office Clerks
- Government Benefits Interviewers
- Hotel Desk Clerks
- Human Resources Assistants
- Insurance Policy and Claims Clerks
- Interviewing Clerks
- Legal Secretaries
- License Clerks
- Loan Clerks
- Mail Carriers
- Mail Clerks
- Medical Secretaries
- Meter Readers
- New Accounts Clerks
- Office Managers
- Order Clerks
- Payroll and Timekeeping Clerks
- Postal Clerks
- Production and Planning Clerks
- Proofreaders
- Receptionists
- Reservation and Ticket Agents
- Secretaries
- Shipping and Receiving Clerks
- Statistical Clerks
- Stock Clerks
- Telephone Operators
- Transportation Agents
- Word Processors

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Personal Care and Service

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations provide services to meet personal needs. They may help improve comfort, personal appearance, hygiene, and self-image.

Occupations

- Animal Caretakers
- Animal Trainers
- Baggage Porters and Bellhops
- Barbers
- Casino Gaming Workers
- Child Care Workers
- Costume and Wardrobe Specialists
- Domestic Service Workers
- Embalmers
- Fitness and Aerobics Instructors
- Flight Attendants
- Funeral Attendants
- Hairstylists and Cosmetologists
- Manicurists
- Personal and Home Care Aides
- Professional Makeup Artists
- Recreation Attendants
- Recreation Guides
- Recreation Workers
- Tatoo Artists
- Tour Guides
- Ushers and Ticket Takers

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries
Oregon Career Information System Clusters

Production
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations plan, assemble, and process products. They may operate or monitor production machinery or use various hand or stationary tools. They work at equipment that makes or distributes electricity, chemicals, gases, or petroleum. They shape, cut, or form materials into products. They print and assemble items such as books, newspapers, and posters.

Occupations

- Airplane Assemblers
- Bakers
- Bookbinders and Bindery Workers
- Cabinetmakers
- Cannery and Frozen Food Workers
- Chemical Equipment Operators
- Chemical Plant Operators
- Clothes Pressers
- Desktop Publishers
- Food Processing Workers
- Foundry Workers
- Furniture Finishers
- Gas and Oil Plant Operators
- Laser Technicians
- Laundry and Dry Cleaning Workers
- Lens Grinders and Polishers
- Lumber Production Workers
- Machinists
- Meat Cutters
- Medical Appliance Technicians
- Metal and Plastic Processing Workers
- Metalworking Patternmakers
- Molders
- Numerical Control Machine Operators
- Numerical Control Tool Programmers
- Packaging and Filling Machine Operators
- Painting and Coating Machine Operators
- Photograph Processing Workers
- Power Plant Operators
- Precision Assemblers
- Prepress Workers
- Printing Press Operators
- Production Helpers
- Pulp and Paper Workers
- Quality Control Inspectors
- Sawing Machine Operators
- Semiconductor Processing Operators
- Semiconductor Technicians
- Sewing Machine Operators
- Shoe and Leather Workers
- Stationary Engineers
- Tailors
- Textile Machine Operators
- Tire Building Machine Operators
- Tool and Die Makers
- Tool Grinders, Filers, and Sharpeners
- Upholsterers
- Vehicle Painters
- Veneer and Plywood Workers
- Water Treatment Plant Operators
- Welders and Solderers
- Welding and Soldering Machine Operators
- Woodworking Machine Operators

For more information about these occupations, go to: Career Learning Areas
Industries
Protective Service
Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations guard all types of property. They ensure the safety of people as established by public laws.

Occupations

- Animal Control Workers
- Bailiffs
- Corrections Officers
- Crossing Guards
- Detectives and Investigators
- Fire Fighters
- Fire Inspectors
- Fire Investigators
- Fish and Game Wardens
- Law Enforcement Officers
- Life Guards and Ski Patrollers
- Medical Examiners
- Military Enlisted Personnel
- Park Rangers
- Parking Enforcement Officers
- Police and Detective Supervisors
- Private Detectives and Investigators
- Sanitarians
- Security Guards
- Wildfire Fighters

For more information about these occupations, go to: Career Learning Areas Industries
Sales

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations identify customer needs. They help customers choose products or services. Some sales workers accept payment and package products.

Occupations

- Advertising Salespeople
- Automobile Salespeople
- Cashiers
- Counter and Rental Clerks
- Demonstrators and Promoters
- Insurance Agents
- Parts Salespeople
- Real Estate Agents
- Retail Salespeople
- Sales Representatives
- Sales Worker Supervisors
- Securities Salespeople
- Telemarketers
- Travel Agents

For more information about these occupations, go to: Career Learning Areas Industries
Social and Community Services

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations help people by providing counseling or education. They also work in recreation and corrections.

Occupations

- Addictions Counselors
- Clergy
- Interpreters and Translators
- Mental Health Counselors
- Probation Officers
- Public Health Educators
- Rehabilitation Counselors
- Residential Counselors
- School Counselors
- Social and Human Service Assistants
- Social Workers
Social Science

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

People in these occupations identify and study social structures, problems, and events. They may also plan and write about ways to correct, cure, or improve social problems. They address community concerns.

Occupations

- Anthropologists
- Economists
- Geographers
- Geographic Information Systems Specialists
- Historians
- Market Research Analysts
- Political Scientists
- Psychologists
- Social Science Research Assistants
- Sociologists
- Urban and Regional Planners

For more information about these occupations, go to: Career Learning Areas, Industries
Transportation and Material Moving

Clusters are job families, broad groups of related occupations. They are grouped because people who work in them have similar tasks or purpose.

Workers in these occupations move freight and passengers from one place to another. They also operate vehicles and keep things on schedule.

**Occupations**

- Air Traffic Controllers
- Airline Ground Crew Workers
- Airplane Pilots
- Ambulance Drivers
- Bus Drivers
- Crane and Tower Operators
- Deckhands
- Forklift Operators
- Freight Handlers
- Grocery Baggers
- Heavy Truck Drivers
- Hoist and Winch Operators
- Light Truck Drivers
- Locomotive Engineers
- Material Moving Machine Operators
- Movie and Stage Grips
- Newspaper Carriers
- Packers and Packagers
- Parking Lot Attendants
- Pump Operators
- Railroad Brake, Signal, and Switch Operators
- Route Salespeople
- School Bus Drivers
- Service Station Attendants
- Ship Captains and Mates
- Ship Engineers
- Ship Pilots
- Subway and Streetcar Operators
- Tank Car, Truck, and Ship Loaders
- Taxi Drivers and Chauffeurs
- Traffic Technicians
- Train Conductors and Yardmasters
- Transportation Inspectors
- Trash Collectors
- Vehicle Cleaners

FOR MORE INFORMATION ABOUT THESE OCCUPATIONS, GO TO: Career Learning Areas Industries