



AGRICULTURE, FOOD AND NATURAL RESOURCES

Professionals in the Agriculture, Food and Natural Resources cluster are responsible for producing, processing, marketing, distributing, financing and developing agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture and other plant and animal products and resources.

SAMPLE CAREERS

Animal Caretaker | Blacksmith | Botanist | Environmental Engineer
Farm Equipment Mechanic | Farm Manager | Food Scientist
Greenhouse Manager | Guide Dog Trainer | Horticulturist
Irrigation Specialist | Marine Botanist | Park Warden
Soil Scientist | Zoologist



ARCHITECTURE AND CONSTRUCTION

Those who work in Architecture and Construction design, plan, manage, build and maintain the built environment.

SAMPLE CAREERS

Architect | Brickmason | Carpenter | Civil Engineer
Construction Manager | Electrician | Interior Designer
Landscape Architect | Plumber | Solar Energy Installation Manager
Surveyor | Weatherization Technician

EXPLORE
CAREER
CLUSTERS

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ARTS, AUDIO-VIDEO TECHNOLOGY AND COMMUNICATIONS

The Arts, Audio-Video Technology and Communications cluster focuses on designing, producing, and performing multimedia content, including visual and performing arts and design, journalism, and entertainment services.

SAMPLE CAREERS

Actor | Ballet Dancer | Camera Operator | Car Body Designer
Comic Illustrator | Computer Animator | Editor | Fashion Designer
Film Director | Graphic Designer | Industrial Designer | Makeup Artist
Music Producer | Novelist | Photographer | Reporter
Sportscaster | Stunt Performer



BUSINESS MANAGEMENT AND ADMINISTRATION

Professionals with careers in the Business Management and Administration cluster plan, organize, direct and evaluate business functions essential to efficient and productive business operations.

SAMPLE CAREERS

Administrative Services Manager | Bookkeeping and Accounting Clerk
Chief Information Officer | Customer Service Representative
Employee Benefits Coordinator | Facility Manager
Human Resources Manager | Land Developer | Personnel Recruiter
Small Business Owner



EDUCATION AND TRAINING

Do you love helping others learn? Those who work in Education and Training plan, manage and provide education and training services, and related learning support services.

SAMPLE CAREERS

Career Tech Center Instructor | Coach | College Professor
Daycare Administrator | Educational Counselor
Elementary School Teacher | High School Teacher | Librarian
Middle School Teacher | Professional Organizer
School Administrator | University President



ENERGY

Careers in the Energy cluster are responsible for the design, maintenance, and distribution of traditional and alternative energy. The energy industry is one of the largest in Oklahoma, with salaries averaging \$100,000 a year. The Energy career cluster is expected to have a shortage of skilled workers by 2025.

SAMPLE CAREERS

Electrical Power-Line Installers and Repairers

First-Line Supervisors of Mechanics, Installers, and Repairers

General and Operations Managers

Mobile Heavy Equipment Mechanics | Petroleum Engineers

Service Unit Operators | Stationary Engineers and Boiler Operators



FINANCE

Professionals who work in Finance are responsible for planning and providing services for financial and investment planning, banking, insurance and business financial management.

SAMPLE CAREERS

Accountant | Auditor | Bank Teller | Budget Analyst
Currency Trader | Financial Manager | Insurance Sales Agent
Investment Banker | Personal Financial Advisor
Risk Management Specialist



GOVERNMENT AND PUBLIC ADMINISTRATION

People who work in Government and Public Administration execute governmental functions including governance, national security, foreign service, planning, revenue and taxation, regulation, and management and administration at the local, state and federal levels.

SAMPLE CAREERS

Ambassador | Aviation Inspector | Coroner | Court Clerk

Emergency Management Specialist | Health Inspector

Political Strategist | Real Estate Assessor | Special Forces Officer

Treaty Negotiator | Urban Planner



HEALTH SCIENCE

Working in the Health Science field involves planning, managing and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

SAMPLE CAREERS

Allergist | Anesthesiologist | Art Therapist | Cardiologist
Dental Hygienist | ER Nurse | Forensic Nurse | Home Health Aide
Neonatal Nurse | Nurse Practitioner | Optometrist | Pharmacist
Phlebotomist | Physician Assistant | Surgeon | Veterinarian

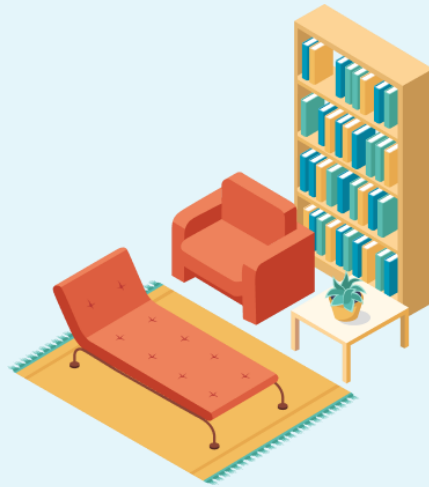


HOSPITALITY AND TOURISM

The Hospitality and Tourism cluster involves careers focusing on managing, marketing and operating restaurants and other food services, lodgings, attractions, recreation events and travel-related services.

SAMPLE CAREERS

Animal Trainer | Baker | Camp Director | Chef
Food Service Manager | Mountain Guide | Professional Athlete
Referee | Resort Manager | Sports Equipment Manager
Tour Guide | Wedding Consultant



HUMAN SERVICES

Careers in the Human Services cluster serve family and human needs in a variety of ways.

SAMPLE CAREERS

Barber | Child Psychologist | Childcare Worker | Cosmetologist
Fitness Trainer | Human Rights Worker | Mental Health Counselor
Social Worker | Sport Psychologist | Volunteer Coordinator



INFORMATION TECHNOLOGY

The Information Technology cluster represents various professions responsible for designing, developing, supporting and managing hardware, software, multimedia and system integration services.

SAMPLE CAREERS

Computer Engineer | Computer Programmer | Cyber Detective
Geographic Information Systems Technician
Software Product Manager | Video Game Designer | Web Developer

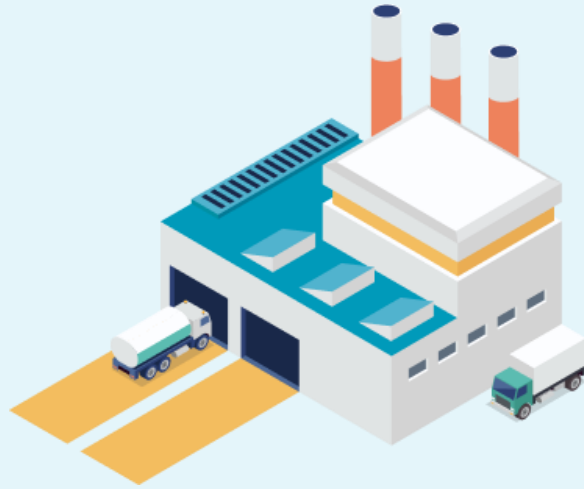


LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

Those who work in Law, Public Safety, Corrections and Security plan, manage and provide legal, public safety, protective and homeland security services, including professional and technical support services.

SAMPLE CAREERS

Correctional Officer | Court Reporter | Criminal Defense Lawyer
Emergency Medical Technician | Environmental Lawyer | Firefighter
Fish and Game Warden | Police Officer | Trial Consultant



MANUFACTURING

Careers in the Manufacturing cluster involve planning, managing and performing the processing of materials into intermediate or final products, including related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

SAMPLE CAREERS

Aerospace Engineer | Aircraft Assembler | Chemical Plant Operator
Home Appliance Repairer | Industrial Engineer | Jeweler | Machinist
Power Plant Operator | Small Engine Mechanic | Welder
Wind Turbine Service Technician



MARKETING

Professionals who work in Marketing plan, manage and perform marketing activities to reach organizational objectives.

SAMPLE CAREERS

Advertising Manager | Art Dealer | Concert Promoter
Creative Director | Event Planner | Grant Writer | Internet Marketer
Market Research Analyst | Publicist | Real Estate Agent
Sports Agent | Wholesale and Retail Buyer



SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

Working in Science, Technology, Engineering and Mathematics involves planning, managing and providing scientific research and professional and technical services (such as physical science, social science, engineering), including laboratory and testing services, and research and development.

SAMPLE CAREERS

Archeologist | Astronaut | Biologist | Chemical Engineer
Climate Change Analyst | Economist | Historian | Inventor
Marine Architect | Mathematician | Meteorologist | Microbiologist
Paleontologist | Robotics Engineer | Sports Statistician
Storm Chaser | Wind Energy Engineer



TRANSPORTATION, DISTRIBUTION AND LOGISTICS

People who work in Transportation, Distribution and Logistics are responsible for planning, managing and moving people, materials and goods by road, pipeline, air, rail and water, including related professional and technical support services such as transportation infrastructure planning, logistics services, mobile equipment and facility maintenance.

SAMPLE CAREERS

Air Traffic Controller | Aircraft Mechanic | Airline Pilot
Auto Racing Mechanic | Bike Designer | Flight Instructor
Heavy Truck Driver | Rail Yard Engineer | Ship Captain
Traffic Engineer | Transportation Manager