

Career Clusters

organize Career Technical Education by categorizing the world of work to help you explore and prepare for careers. The progression from Career Cluster to Career Pathways to sample careers reflects a progression of a person's professional pursuits. Beginning at the Career Cluster level, you will acquire the broad, adaptable knowledge and skills that apply to all careers in that field.

Career Pathways

reflect a narrowed set of knowledge and skills shared by multiple occupations within a Career Cluster. Building on the foundation of knowledge and skills in a Career Cluster and Career Pathway, you will be prepared to pursue a variety of occupations.

Careers

are where you ultimately apply your knowledge and skills. The flexible knowledge and skills learned in a Career Cluster and Career Pathway prepare you for an array of career opportunities as the workplace evolves and the economy transforms.



Agriculture, Food & Natural Resources

Use your love of science, the environment or animals to prepare for careers that involve improving the quality and safety of food, cultivating and preserving our natural resources, and caring for animals. Further, you can learn about the business aspects of this broad field.

Career Pathways

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

Careers

Food Scientist Environmental Engineer
Biochemist Animal Scientist

Architecture & Construction

Use your skills in design, planning and management to work in careers building and maintaining structures such as buildings, homes, bridges, or machinery. Work opportunities include developing new structures, restorations, additions, alterations, and repairs.

Career Pathways

Design/Pre-Construction
Construction
Maintenance/Operations

Careers

Electrician Architect
Carpenter Heavy Equipment Operator

Arts, A/V Technology & Communications

Flex your creativity, design, writing, performing, and multimedia skills in this Career Cluster. Prepare for careers from graphic design to broadcast journalism through a focus on advanced technologies used in venues including corporate boardrooms, hotels and convention centers, classrooms, and museums.

Career Pathways

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

Careers

Journalist Multimedia Animator
Actor/Actress Costume Designer

Business Management & Administration

If you've ever dreamt of starting your own business, this Career Cluster is for you. Use your organizational and leadership skills to prepare for careers where you plan, direct and evaluate operations to run a successful business. There are a variety of career opportunities available including hiring staff, analyzing data and launching your own start-up.

Career Pathways

General Management
Business Information
Human Resources
Operations Management
Administrative Support

Careers

Accountant Operations Manager
Facilities Manager Personnel Recruiter

Education & Training

Use your ability to motivate and your love of people to provide education and training that reaches individuals of all ages and across a range of industries. Careers include teaching in a classroom, leading as a college president and serving in your community as a social worker.

Career Pathways

Administration & Administrative Support
Professional Support Services
Teaching/Training

Careers

Teacher Principal
School Counselor College Professor

Finance

Use your skills in math and statistics to prepare for well-paying careers in financial and investment planning, banking, insurance, and business financial management. Every part of the economy offers a career in this field, providing endless opportunities to work in a variety of areas.

Career Pathways

Securities & Investments
Business Finance
Accounting
Insurance
Banking Services

Careers

Stock Broker Financial Planner
Insurance Agent Tax Examiner

Government & Public Administration

Use your passion for public service to prepare to work in a diverse array of jobs found in local, state and federal government. Virtually every occupation can be found within this field. You may help protect our country, represent our interests abroad, or pass and enforce laws.

Career Pathways

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

Careers

Legislator Recreation/Parks Director
City Manager Urban/Regional Planner

Health Science

Use your love of science to help keep people healthy and treat those who are not. Work directly with people as a doctor or physical therapist or on your own by conducting research on diseases and other important health information. This field allows you to work in diverse environments such as hospitals, medical and dental offices, or labs.

Career Pathways

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

Careers

Pediatrician Hospital Administrator
Veterinarian Physical Therapist

Hospitality & Tourism

Use your people skills to travel the world in careers ranging from hotel and restaurant operations to working in amusement parks. Excellent customer service skills are essential for everyone in this field.

Career Pathways

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

Careers

Event Planner Restaurant Manager
Chef Club Manager