

The 16 CAREER CLUSTERS

A Career Cluster is a grouping of occupations and broad industries based on commonalities



The slides will give you an understanding of each Career Cluster.

Agriculture, Food & Natural Resources

The production, processing, marketing, distribution, financing and development of agricultural products and resources including food, fiber, wood products, natural resources, farm and animal products.



INTERESTS

Enjoy working outdoors and be physically active
Enjoy Nature, taking care of pets, identifying environmental hazards and caring deeply about protecting the environment

CAREERS

- Agricultural Science Teachers
- Veterinarians
- Forest Fire Fighter
- Biochemists and Biophysicists
- Food Inspectors and Scientists
- Cartographers
- Game Warden and Animal Breeders
- Farm workers and laborers, farms and animals
- Nursery and greenhouse workers

Architecture & Construction

Careers in designing, planning, managing, building and maintaining the construction industry.



INTERESTS

- Enjoy working with their hands, using tools
- Have an aptitude for math and science
- Like solving or analyzing problems
- Building homes or other structures
- Building bridges and roadways

CAREERS

Architect

Brickmason or Cement Mason

Electrician or Plumber

Carpenter

Structural Steel Workers

Construction Inspector

Elevator Installer/Repairer

Roofer

Arts, A/V Tech & Communications

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing art and journalism and entertainment services



INTERESTS

- Drawing pictures or cartoons to amuse people
- Performing music, drama and or dance
- Creating an original video or film
- Sketching or painting pictures
- Taking photographs
- Making jewelry, sculpture or ceramics
- Designing a newspaper layout

CAREERS

Graphic Artist

Art , Theatre or Music Teacher

Newspaper Reporter

Photojournalist

Author or Writer or Director

Musician

SUGGESTED HIGH SCHOOL COURSES

Art, Graphic Art, Humanities, Journalism

English, Photography, Communications, Music, Political
Science, Photography

Business, Management & Administration

Planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. These opportunities are available in every sector of the economy.



INTERESTS

- Running your own business
- Developing web pages
- Preparing reports
- Analyzing data
- Being a club officer
- Organizing a school event or fund-raiser
- Managing tasks for a group

CAREERS

Accountant or CPA

Financial Manager

Company Executive (CEO, CFO)

Office Manager

Public Relations Specialist

Management Analyst

Billing Clerk

EDUCATION & TRAINING

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



INTERESTS

- Tutoring or babysitting young children
- Creating lesson plans
- Attending a summer camp
- Help others draw, write or read
- Create crafts, art or bulletin boards
- Play games with spelling, reading or math
- Coaching sports

CAREERS

School Counselor or School Psychologist

Teacher or Teacher's Aide

College Advisor

Day Care Center Director

Librarian

Vice Principal or Principal

FINANCE

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



INTERESTS

- Investing money
- Developing a budget
- Using spreadsheets and financial computer programs
- Balancing a checkbook
- Being a treasurer of a club
- Organizing a fund-raiser
- Planning a mock stock market game
- Studying investments and the stock market

CAREERS

Actuary

Appraiser

Financial Institution Manager (Banker)

Loan Officer (Mortgage or others)

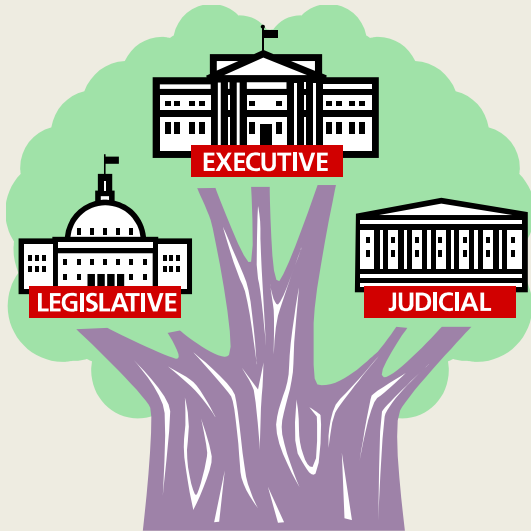
Securities Trader

Tax Preparer or Auditor

Claim Examiner or Adjuster

GOVERNMENT & PUBLIC ADM.

Executing governmental functions to include Governance; National Security, Foreign Service, Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state and federal levels.



INTERESTS

- Participating in a debate or on a debate team
- Researching and writing grants
- Learning and speaking a foreign language
- Making speeches
- Running for class or club office
- Volunteering as a legislative aide
- Volunteering for school board/town board position
- Campaigning for political candidates

CAREERS

Government Investigator (FBI, CIA, DIA)

Public Works Director

City or Town Manager

Congressional Aide

Legislative Assistant

State Department Official

HEALTH SCIENCE

Planning, managing, and providing therapeutic services , diagnostic services, health informatics, support services and biotechnology research and development.



INTERESTS

- Learn first aid or CPR
- Volunteer at a retirement home
- Learn how the body/mind work
- Watch medical shows on TV
- Be a team manager on a school athletic team
- Volunteer at a rescue squat

CAREERS

Dietician

Athletic Trainer

Pharmacist

Physician Assistant, Nurse, Radiologic Tech

Music or Art Therapist

Dentist or Physician or Surgeon

Recreational, Occupational Therapists

Physical Therapist

Dental Lab Technician

Hospitality and Tourism

Management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.



INTERESTS

- Planning vacations or school trips
- Cooking and baking
- Participating in sports
- Exercising and working out
- Planning school functions
- Recreational activities
- Being a lifeguard
- Reading about other countries and cultures

CAREERS

Recreational Leader

Camp Counselor

Travel Agent

Hospitality Manager

Hotel Manager

Chef/Baker/Server/Cook

Tour Director

HUMAN SERVICES

Preparing individuals for employment in career pathways that relate to families and human needs.



INTERESTS

- Listening and helping friends with problems
- Working with the elderly
- shopping and comparing prices
- Volunteering
- Delivering food and clothes to people in need
- Serving home at a homeless shelter
- Working with the elderly
- making family menus

CAREERS

Child care worker

Recreational Worker

Rehabilitation or Substance Abuse Director

Deaf Interpreter Associate

Nutrition counselor

Funeral Director or Clergy

Information Technology

Design, development, support and management of hardware, software, multimedia and systems integration services



INTERESTS

- Play video games
- Assemble computer parts or repair systems
- Write software programs
- Develop web pages
- Surf the internet
- Analyzing data or information
- Documenting and recording information
- Learn or install software programs

CAREERS

Computer System Engineers, Analysts or Architects

Database Administrators

Network Systems Analysts

Web Administrators

Business Intelligence Analysts

Computer Security Specialists

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

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



INTERESTS

- Reading mystery novels or watching mystery movies
- Following court cases in the news
- Listening to a police scanner
- Volunteering to search for missing pets or children
- Participating in a search and/or rescue training
- Volunteering for the local fire department

CAREERS

Attorney or District Attorney

Corrections Officer

Court Reporter or Clerk

Police Officer or Detective

Polygraph Examiner

Fire Fighter or Inspector

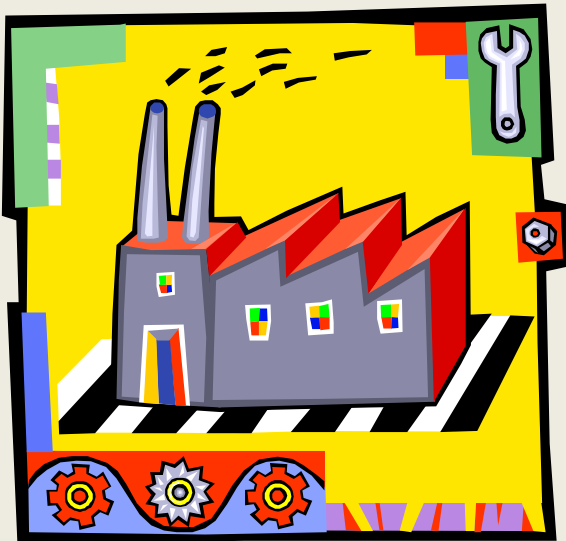
Forensic Artist

Paralegal

Probation and Parole Officer

MANUFACTURING

Planning, managing and performing the procession of materials in into intermediate or final products and related professional and technical support activities as production planning and the control, maintenance and engineering of products.



INTERESTS

- Sewing, weaving, knitting or other projects
- Building things such as wood projects
- Taking machine shop classes
- Repairing machinery
- Stalling and repairing home stereo equipment
- Working with leather goods
- Operating a printing press

CAREERS

Machine Operator

Welder

Cabinetmaker or Furniture maker

Textile Inspector, Tester

Health and Safety Specialist

Industrial Psychologist

Operations Research Analyst

Laborer

Marketing, Sales & Service

Planning, managing and performing marketing activities to reach organization objectives.

INTERESTS

- Give people advise on products they buy
- Sell products for fundraisers
- Take tours of houses for sale
- Design and model clothes
- Decorate homes or rearrange furniture
- Likes working with numbers
- Enjoys shopping
- Setting up a fashion show

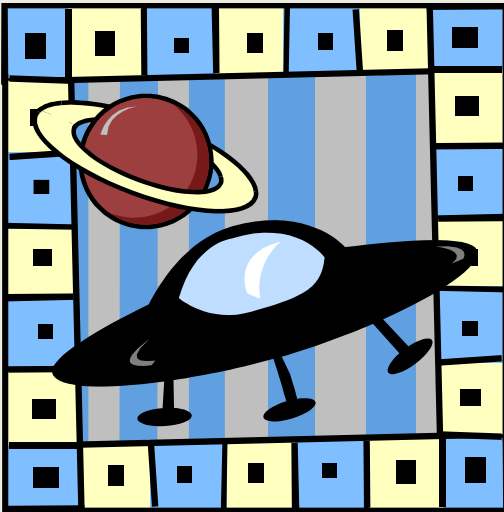
CAREERS

Real Estate Agent or manager
Real Estate Appraiser
Fashion or Floral Designer
Retail Store Manager or Clerk
Customer Service Representative
Sales manager
Fashion Model



SCIENCE TECHNOLOGY, ENGINEERING & MATH

Planning, managing, and providing scientific research and professional and technical services including (e.g. physical science, social science, engineering) laboratory and testing services and research and development services,



INTERESTS

- Collecting rocks or fossils
- Identifying plants and animals
- Conducting science experiments
- Watching the weather
- Designing and test vehicles or planes
- Developing new products or machinery
- Stargazing
- Designing experiments

CAREERS

Anthropologist

Physicist

Environmental Scientist

Engineer (nuclear, industrial, Chemical ,
Civil, Petroleum)

Aerospace Engineer

Computer Hardware Engineer

Transportation, Distribution & Logistics

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



INTERESTS

- Playing with automobiles or trains
- Loves flying
- Loves boating
- Interested in knowing how machines work
- Interested in fixing all types of machines
- Interested in the distribution of goods

CAREERS

Commercial Pilots

Traffic Technicians

Transportation Specialist

Aerospace technicians

Air Cargo Handlers

Bus and Auto Mechanics

Motorboat Mechanics

Electrical Equipment Installers