

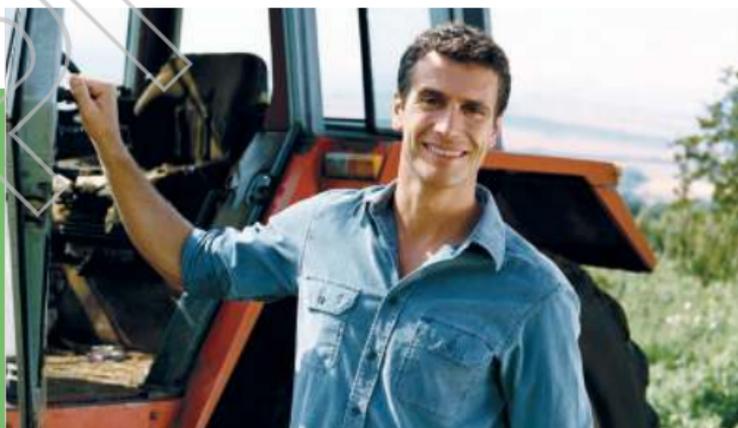
Career Clusters

Agriculture, Food, & Natural Resources

- ▶ Do you enjoy being outside?
- ▶ Do you like caring for animals?
- ▶ Are you concerned about the environment?



A career in Agriculture, Food, and Natural Resources gives you the opportunity to work with plants, animals, food, fabric, wood, and/or crops. Workers in this Career Cluster also work in conservation and help find ways to improve the environment. They work in parks, greenhouses, dairies, laboratories, and on farms and ranches.



Consider this Career Cluster if...

- ▶ you are interested in science
- ▶ you enjoy working with plants or animals
- ▶ you want to improve the environment
- ▶ you like outdoor activities

Agriculture, Food, & Natural Resources



Careers Opportunities

Animal Caretaker	Geoscientist
Agricultural Engineer	Groundskeeper
Biochemist	Landscaper
Biological Technician	Nursery Worker
Commercial Fisher	Pest Control
Environmental Engineer	Soil Scientist
Farm and Ranch Worker	Veterinarian
Food Scientist	Veterinary Assistant
Forester	Zoologist

Related College Majors

Agricultural Business	Forestry
Agricultural Engineering	Geology
Animal Sciences	Marine Science
Biology	Nutrition Science
Botany	Parks Management
Earth Sciences	Plant Sciences
Food Sciences	Zoology

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Volunteer at an animal shelter
- ▶ Grow vegetables or flowers
- ▶ Become a member of Future Farmers of America (FFA) or 4-H
- ▶ Get a part-time job or volunteer at a farm, ranch, or greenhouse



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Architecture & Construction

- ▶ Do you like working with your hands?
- ▶ Do you enjoy making plans and drawings?
- ▶ Do you like figuring out how things work?



A career in Architecture and Construction gives you the opportunity to design, build, and maintain structures (e.g., houses, buildings, highways, bridges). This Career Cluster includes architects, engineers, and those who work in the skilled trades (e.g., carpentry, masonry, plumbing).



Consider this Career Cluster if ...

- ▶ you enjoy working with tools
- ▶ you prefer physical activity
- ▶ you like building things
- ▶ you enjoy math

Architecture & Construction



Career Opportunities

Architect	HVAC Mechanic
Brickmason	Landscape Architect
Carpenter	Mechanical Drafter
Civil Engineer	Plumber
Construction Manager	Roofer
Construction Worker	Solar Panel Installer
Cost Estimator	Surveyor
Electrician	Wind Turbine Technician

Related College Majors

Architectural Engineering	Environmental Design
Architecture	Industrial Engineering
Building Management	Landscape Architecture
Cartography	Masonry
Civil Engineering	Urban Planning
Construction Management	
Drafting	

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Join the Math Club
- ▶ Build models
- ▶ Get a part-time or summer job at a hardware or home improvement store
- ▶ Do repair or home improvement projects



For information on the duties, salaries, and education required for careers in this Career Cluster, visit bls.gov/ooh.

Arts, A/V Technology & Communications

- ▶ Are you artistic or creative?
- ▶ Do you like working with technology?
- ▶ Do you have good communication skills?



A career in Arts, Audio/Video Technology, and Communications gives you the opportunity to create visual art, performance art, or original writing—or to manage and maintain complex computer software and equipment. Workers in this Career Cluster often work at a film studio, television studio, or design firm.



Consider this Career Cluster if...

- ▶ you enjoy being in front of an audience
- ▶ you have artistic or musical talent
- ▶ you like using technology and gaming
- ▶ you want to create or perform

Arts, A/V Technology & Communications



Career Opportunities

Actor	Film and Video Editor
Artist	Graphic Designer
Camera Operator	Interior Designer
Choreographer	Journalist
Commercial Designer	Photographer
Dancer	Reporter
Desktop Publisher	Sound Technician
Fashion Designer	Writer/Author

Related College Majors

Art	Fine and Studio Arts
Communication	Graphic Design
Dance	Interior Design
Design and Applied Arts	Journalism
English	Music
Film Production	Photography

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Join the band or choir
- ▶ Work on the school newspaper or yearbook
- ▶ Take art or photography classes
- ▶ Join the speech or debate team
- ▶ Act in school plays or join the stage crew



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Business, Management & Administration

- ▶ Do you enjoy working as part of a team?
- ▶ Are you a leader?
- ▶ Are you interested in starting your own business?



A career in Business, Management, and Administration gives you the opportunity to organize, plan, and manage business operations. Workers in this Career Cluster often work with computers, information, data, and numbers. They may train and/or manage employees, or own their own business.



Consider this Career Cluster if...

- ▶ you have strong organizational skills
- ▶ you are good with numbers and computers
- ▶ you enjoy working with people
- ▶ you like to plan things

Business, Management & Administration



Career Opportunities

Accountant	Human Resources
Administrative Assistant	Manager
Advertising Manager	Information Systems
Bookkeeper	Manager
Business Manager	Marketing Manager
Computer Systems Analyst	Public Relations
Entrepreneur	Specialist
Financial Analyst	Retail Salesperson

Related College Majors

Accounting	Finance
Business Administration	Human Resources
Computer Systems Analysis	Management
Computer and Information Systems	International Business
Economics	Legal Support Services
Entrepreneurship	Management Information Systems
Fashion Merchandising	Marketing

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Join Junior Achievement
- ▶ Join the student council
- ▶ Do volunteer work
- ▶ Help plan an event or fundraiser
- ▶ Seek leadership positions in clubs and activities



For information on the duties, salaries, and education required for careers in this Career Cluster, visit bls.gov/ooh..

Education & Training

- ▶ Do you enjoy helping others?
- ▶ Do you like showing others how to do something?
- ▶ Do you enjoy public speaking?



A career in Education and Training gives you the opportunity to teach, guide, and train people of all ages. Workers in this Career Cluster may work in a classroom, school counseling office, library, or administrative office. They may also work in businesses and corporations training employees.



Consider this Career Cluster if...

- ▶ you are patient, friendly, and outgoing
- ▶ you like working with children or teenagers
- ▶ you have good public speaking skills
- ▶ you are good at explaining things

Education and Training



Career Opportunities

Adult Literacy Teacher	High School Teacher
Athletic Trainer	Librarian
Child Care Worker	Middle School Teacher
Coach	Preschool Teacher
College Professor	School Counselor
Corporate Trainer	Special Education Teacher
Education Administrator	Teacher Assistant
Elementary School Teacher	

Related College Majors

American Sign Language	Middle Childhood Education
Behavioral Sciences	Secondary Education
Child Development	Social Work
Curriculum and Instruction	Special Education
Early Childhood Education	Teaching English as a Second Language
Educational Administration	
Elementary Education	

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Help coach a sports team
- ▶ Volunteer as a tutor
- ▶ Join Future Teachers of America (FTA)
- ▶ Work as a library aide or teacher's assistant
- ▶ Volunteer for Big Brothers/Big Sisters



For information on the duties, salaries, and education required for careers in this Career Cluster, visit bls.gov/ooh.

Finance

- ▶ Do you like working with numbers?
- ▶ Are you good with money?
- ▶ Are you interested in business?



A career in Finance gives you the opportunity to manage money, and help others manage their money. Workers in this Career Cluster might keep track of an organization's money, maintain financial records, or give financial advice to others. They often work in corporations, banks, and insurance companies.



Consider this Career Cluster if...

- ▶ you have strong math skills
- ▶ you are organized and detail-oriented
- ▶ you have an interest in the stock market
- ▶ you are interested in financial matters

Finance



Career Opportunities

Accountant	Financial Clerk
Actuary	Insurance Sales Agent
Bank Teller	Insurance Underwriter
Bank Manager	Loan Officer
Bill Collector	Statistician
Claims Adjuster	Stockbroker
Economist	Tax Preparer
Financial Advisor	Treasurer

Related College Majors

Accounting	Health Administrative Services
Business Administration	Human Resources Management
Business Commerce	International Business
Consumer Economics	Marketing
Economics	Real Estate
Entrepreneurship	
Finance	

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Join Junior Achievement
- ▶ Help with fundraisers
- ▶ Learn about the stock market
- ▶ Volunteer to be the treasurer of an organization
- ▶ Open a bank account



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Government & Public Administration

- ▶ Are you interested in politics?
- ▶ Do you keep up on current events?
- ▶ Do you like to discuss and debate ideas?



A career in Government and Public Administration gives you the opportunity to plan and provide government services at the local, state, and federal levels. Workers in this Career Cluster often hold public office or fulfill administrative duties in government offices (e.g., processing marriage licenses or construction proposals).



Consider this Career Cluster if...

- ▶ you have leadership skills
- ▶ you have strong communication skills
- ▶ you are interested helping others
- ▶ you enjoy working with information

Government & Public Administration



Career Opportunities

Air Traffic Controller	Legislator
Correctional Officer	Politician
Court Clerk	Postal Service Worker
Criminal Investigator	Occupational Health Specialist
Financial Examiner	Real Estate Appraiser
Foreign Service Officer	Soldier/Sailor
Homeland Security Agent	Urban Planner
IRS Agent	

Related College Majors

Air Transportation	History
Business Administration	Military Studies
City/Urban Planning	Political Science
Civil Engineering	Public Administration
Criminal Justice	Public Health
Economics	Sociology
Finance	Urban Planning

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Run for student council
- ▶ Join ROTC
- ▶ Join the speech or debate team
- ▶ Attend city council meetings
- ▶ Seek leadership roles in groups and clubs



For information on the duties, salaries, and education required for careers in this Career Cluster, visit bls.gov/ooh.

Health Science

- ▶ Would you like to help others?
- ▶ Are you interested in learning about the human body?
- ▶ Do you want to work in the medical field?



A career in Health Science gives you the opportunity to diagnose, treat, and manage health issues for patients of every age. Workers in this Career Cluster can be found in hospitals, doctors' offices, nursing homes, schools, and sport's teams—anywhere healthcare services are needed.



Consider this Career Cluster if...

- ▶ you are good at math and science
- ▶ you'd like to work in a medical setting
- ▶ you aren't squeamish about blood
- ▶ you are patient and good with details

Health Science



Career Opportunities

Anesthesiologist	Occupational Therapist
Audiologist	Paramedic/EMT
Dentist	Pharmacist
Dental Hygienist	Physical Therapist
Genetic Counselor	Physician/Surgeon
Hospital Administrator	Radiologic Technologist
Medical Assistant	Registered Nurse
Licensed Practical Nurse	Speech Pathologist

Related College Majors

Biochemistry	Nursing
Biology	Occupational Therapy
Dentistry	Optometry
Dietetics	Pharmacology
Food Science	Physical Therapy
Genetics	Physiology
Medicine	Public Health

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Join a science club
- ▶ Attend a science camp
- ▶ Volunteer as the student manager for a school sports team
- ▶ Attend community health fairs
- ▶ Volunteer at a clinic, hospital, or nursing home



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Hospitality & Tourism

- ▶ Do you enjoy entertaining and cooking?
- ▶ Would you like to travel?
- ▶ Do you enjoy meeting new people?



A career in Hospitality and Tourism gives you the opportunity to entertain and serve guests, and help people enjoy their leisure time. Common employment locations for workers in this Career Cluster include restaurants, bakeries, bars, casinos, cruise ships, spas, resorts, theme parks, hotels, museums, and sports arenas.



Consider this Career Cluster if...

- ▶ you are patient, friendly, and outgoing
- ▶ you would like to work with food or drinks
- ▶ you like working with people
- ▶ you would like to travel

Hospitality & Tourism



Career Opportunities

Baker	Hotel Desk Clerk
Bartender	Hotel Manager
Chef/Cook	Housekeeper
Club Manager	Lifeguard
Concierge	Recreation Worker
Food Preparation Worker	Reservation Agent
Food Server	Tour Guide
Gaming Dealer	Travel Agent

Related College Majors

Air Transportation	Hospitality Management
Business Commerce	International Studies
Business Management	Leisure and Recreation
Communications	Marketing
Culinary Arts	Theatre and Drama
Foreign Language	Travel and Tourism

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Plan a family vacation
- ▶ Help organize an event or party
- ▶ Plan and cook meals for family and friends
- ▶ Get a part time job at a restaurant or amusement park



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Human Services

- ▶ Are you a “people person?”
- ▶ Are you a good listener?
- ▶ Do you want to help people improve their lives?



A career in Human Services gives you the opportunity to help people of all ages meet their physical, mental, and emotional needs. Workers in this Career Cluster often work in hospitals, government offices, nursing homes, and schools. They may also provide specialized services, such as credit counseling or home care.



Consider this Career Cluster if...

- ▶ you are patient, friendly, and kind
- ▶ you want to help others
- ▶ you have strong listening skills
- ▶ you want to make a difference

Human Services



Career Opportunities

Adult Day Care Worker	Mental Health Counselor
Child Care Worker	Occupational Therapist
Credit Counselor	Preschool Teacher
Cosmetologist	Probation Officer
Financial Advisor	Psychologist
Fitness Trainer	Recreational Therapist
Home Care Aide	Rehabilitation Counselor
Interpreter	Social Worker
Marriage Counselor	Youth Worker

Related College Majors

Behavioral Sciences	Mental Health Counseling
Child Development	Psychology
Cosmetology	Public Health
Criminal Justice	Social Work
Gerontology	Sociology
Human Services	Women's Studies

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Volunteer at a food bank
- ▶ Help an elderly neighbor
- ▶ Organize a food or clothing drive
- ▶ Get a summer job as a camp counselor
- ▶ Volunteer for a nonprofit agency



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Information Technology

- ▶ Do you like to work with computers?
- ▶ Are you good at puzzles?
- ▶ Do you love learning about new technologies?



A career in Information Technology gives you the opportunity to use your technical skills to help organizations and businesses achieve their goals. Workers in this Career Cluster work with hardware, software, network systems, and multimedia in a variety of settings (e.g., corporations, schools, government offices).



Consider this Career Cluster if...

- ▶ you are good at math
- ▶ you want to work with computers
- ▶ you have good problem solving skills
- ▶ you like keeping up with new technology

Information Technology



Career Opportunities

Computer Engineer
Computer Programmer
Computer Repairer
Computer Support Specialist
Database Administrator
Graphic Designer
Information Security Analyst

Information Systems Manager
Network Architect
Software Developer
Systems Administrator
Systems Analyst
Technical Writer
Video Game Designer
Web Developer

Related College Majors

Computer Engineering
Computer Programming
Computer Science
Data Management
Desktop Publishing
Information Science

Management Information Systems
Software Engineering
Systems Analysis
Technical Writing
Web Development

To see if this is a Career Cluster you might enjoy, consider these activities:

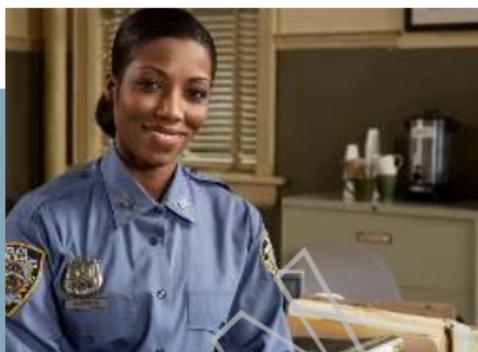
- ▶ Create your own webpage
- ▶ Work on the school newspaper or yearbook
- ▶ Help family and friends with tech problems
- ▶ Offer tech support to a nonprofit agency



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Law, Public Safety, Corrections & Security

- ▶ Do you want to help keep others safe?
- ▶ Are you interested in the law?
- ▶ Do you enjoy a challenge?



A career in Law, Public Safety, Corrections, and Security gives you the opportunity to protect people and enforce the law. Workers in this Career Cluster include police officers, security guards, detectives, and firefighters. In addition to police stations and firehouses, workers often have jobs in law practices, prisons, and courthouses.



Consider this Career Cluster if...

- ▶ you want to help and protect others
- ▶ you believe rules and laws are important
- ▶ you have good people skills
- ▶ you are brave, patient, and compassionate

Law, Public Safety, Corrections & Security



Career Opportunities

Bailiff	Lawyer
Correctional Officer	Paralegal
Court Reporter	Park Ranger
Detective	Private Investigator
Dispatcher	Police Officer
Fish and Game Warden	Probation Officer
Firefighter	Public Defender
Forensic Scientist	Security Guard

Related College Majors

Criminal Justice	Legal Studies
Criminology	Paralegal
Fire Science	Parks and Recreation
Forensic Science	Public Health
Government	Social Work
Homeland Security	Sociology
Law Enforcement	Urban Studies

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Attend public court hearings
- ▶ Seek leadership positions in clubs, organizations, and on sports teams
- ▶ Join the speech and debate team
- ▶ Volunteer for community outreach programs



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Manufacturing

- ▶ Do you like working with tools?
- ▶ Do you enjoy figuring out how things work?
- ▶ Do you want to work with your hands?



A career in Manufacturing gives you the opportunity to help turn raw materials into finished products (e.g., airplanes, cars, electronics, appliances). Manufacturing workers also repair machines and diagnose problems with plumbing, automobiles, and more.



Consider this Career Cluster if...

- ▶ you have strong math skills
- ▶ you are good with details
- ▶ you have good problem solving skills
- ▶ you enjoy working with technology

Manufacturing



Career Opportunities

Assembler/ Fabricator	Mechanical Engineer
Diesel Mechanic	Packer/ Packager
Engineering Technician	Quality Control Technician
Environmental Engineer	Safety Inspector
Industrial Engineer	Sheet Metal Worker
Logistician	Tool and Die Maker
Machinist	Welder/ Solderer

Related College Majors

Apparel and Textiles	Industrial Engineering
Computer Engineering	Industrial Maintenance
Drafting and Design	Logistics
Electrical Engineering	Operations Management
Environmental Engineering	Precision Metal Working
HVAC Technology	Quality Control

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Repair small appliances or electronics
- ▶ Assemble models
- ▶ Develop a hobby in robotics
- ▶ Work on restoring or repairing a bike or car
- ▶ Participate in STEM events



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Marketing, Sales, & Service

- ▶ Do you enjoy public speaking?
- ▶ Do you like talking to and working with people?
- ▶ Are you good at being persuasive?



A career in Marketing, Sales, and Service gives you the opportunity to sell products and services directly to customers, or to help companies develop persuasive marketing plans. Workers in this Career Cluster help businesses, companies, and organizations connect with customers and achieve their sales and marketing goals.



Consider this Career Cluster if...

- ▶ you are friendly and outgoing
- ▶ you have strong communication skills
- ▶ you enjoy working with people
- ▶ you are creative and good with details

Marketing, Sales, & Service



Career Opportunities

Account Manager	Real Estate Agent
Advertising Manager	Retail Salesperson
Buyer	Sales Associate
Customer Service Representative	Sales Engineer
Sales Manager	Sales Manager
Database Administrator	Stock/Inventory Clerk
Entrepreneur	Telemarketer
Marketing Manager	Warehouse Manager
Market Research Analyst	Wholesale Buyer

Related College Majors

Business Administration	Entrepreneurship
Business Commerce	Finance
Business Communications	International Business
Business Economics	Management
Communications	Information Systems
Consumer Economics	Marketing
Customer Service	Real Estate

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Work at a concession stand
- ▶ Help with school fundraisers
- ▶ Work part time in a retail store
- ▶ Join the speech or debate team



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Science, Technology, Engineering & Math

- ▶ Do you like figuring out how things work?
- ▶ Do you enjoy solving puzzles?
- ▶ Do you like math and science?



A career in Science, Technology, Engineering, and Math gives you the opportunity to solve complex problems in order to improve society. Workers in this Career Cluster work in labs, corporations, and in the field. They study diseases, do scientific research, develop new technologies, oversee construction projects, and more.



Consider this Career Cluster if...

- ▶ you excel in advanced math and science
- ▶ you have good problem solving skills
- ▶ you are good with details
- ▶ you enjoy working with computers

Science, Technology, Engineering & Math



Career Opportunities

Aerospace Engineer

Astronomer

Biologist

Botanist

Chemical Engineer

Chemist

Computer Programmer

Electrical Engineer

Engineering Technician

Environmental Scientist

Geologist

Mathematician

Mechanical Engineer

Physicist

Statistician

Technical Writer

Related College Majors

Aerospace Engineering

Bioengineering

Biology

Chemical Engineering

Chemistry

Civil Engineering

Computer Engineering

Electrical Engineering

Geology

Mathematics

Mechanical Engineering

Physics

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Participate in a science fair
- ▶ Join a Math or Science Club
- ▶ Participate in a STEM camp
- ▶ Learn new computer applications



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).

Career Clusters

Transportation, Distribution & Logistics

- ▶ Do you like working on vehicles?
- ▶ Are you good at solving problems and puzzles?
- ▶ Would you like to travel?



A career in Transportation, Distribution, and Logistics gives you the opportunity to plan and manage the movement of people, materials, and goods by road, air, water, and pipeline. Workers in this Career Cluster often maintain vehicles or work in distribution or logistical centers to organize the transporting of people and products.



Consider this Career Cluster if...

- ▶ you are detail oriented
- ▶ you are good with tools
- ▶ you are organized
- ▶ you are good at fixing things

Transportation, Distribution & Logistics



Career Opportunities

Airline Pilot	Logistician
Air Traffic Controller	Packer / Packager
Ambulance Driver	Safety Technician
Automotive Mechanic	Sales Manager
Avionics Technician	Shipping Clerk
Civil Engineer	Taxi Driver
Dispatcher	Truck Driver
Flight Attendant	Truck Mechanic
Locomotive Engineer	Warehouse Manager

Related College Majors

Air Transportation	Logistics
Automotive Engineering	Marine Transportation
Business Operations	Mechanical Engineering
City / Urban Planning	Traffic Engineering
Civil Engineering	Transportation Mgmt
Ground Transportation	Vehicle Maintenance

To see if this is a Career Cluster you might enjoy, consider these activities:

- ▶ Repair small appliances or electronics
- ▶ Work on restoring or repairing a bike or car
- ▶ Learn new computer applications



For information on the duties, salaries, and education required for careers in this Career Cluster, visit [bls.gov/ooh](https://www.bls.gov/ooh).