







# AGRICULTURE, FOOD, & NATURAL RESOURCES






People who work in this career cluster produce the food we eat, care for our animals, maintain our natural resources, and research our environment. This career cluster is great for anyone who likes working outdoors, is concerned with our environment and the food we eat, or loves working with animals.

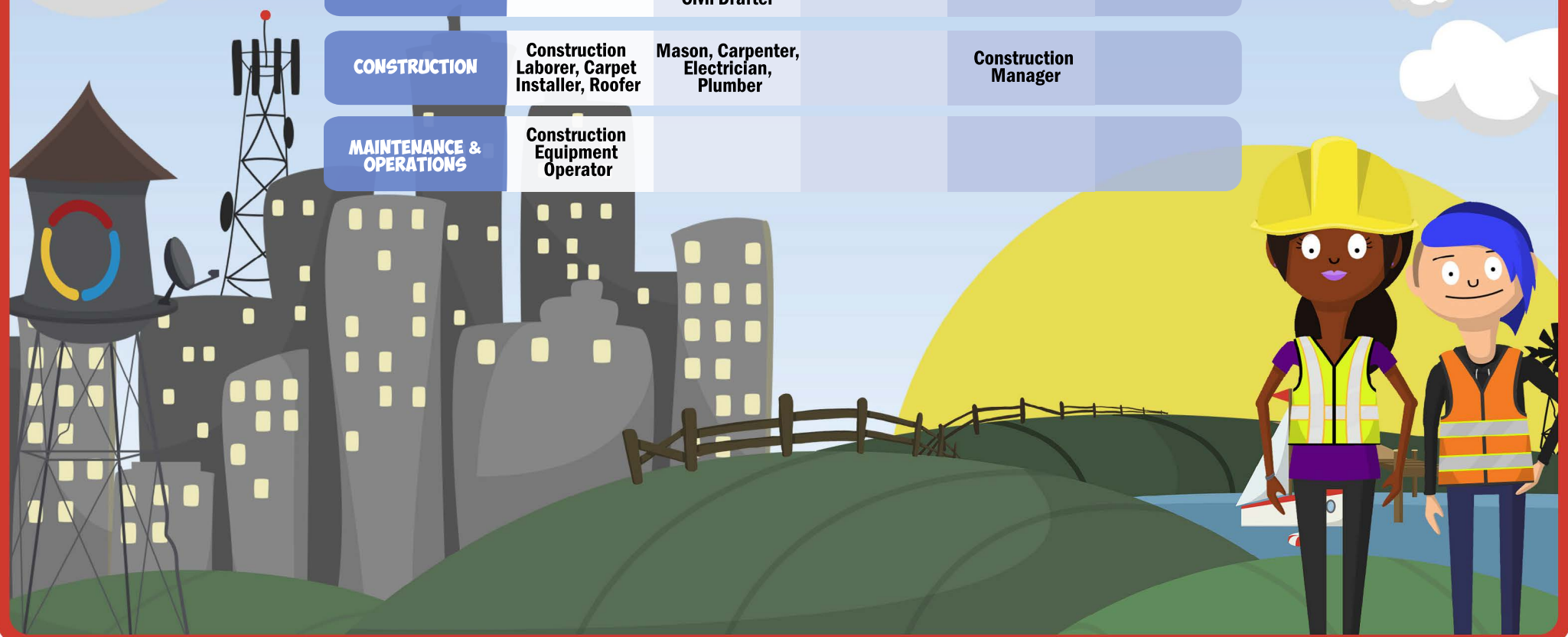
	 HIGH SCHOOL	 ASSOCIATE	 BACHELOR'S	 MASTER'S	 DOCTORATE
 <b>FOOD PRODUCTS &amp; PROCESSING SYSTEMS</b>	Agricultural Inspector		Food Scientist		
<b>PLANT SYSTEMS</b>			Soil & Plant Scientist		
<b>ANIMAL SYSTEMS</b>		Veterinary Technician, Animal Trainer	Animal Scientist		Veterinarian
<b>POWER, STRUCTURAL, &amp; TECHNICAL SYSTEMS</b>		Gas Plant Operator, Petroleum Pump Operator	Petroleum Technician		
<b>NATURAL RESOURCE SYSTEMS</b>		Forest & Conservation Technician	Conservation Scientist, Forester	Biochemist	
<b>ENVIRONMENTAL SERVICE SYSTEMS</b>	Landscaper & Groundskeeper	Pest Control Worker	Environmental Engineer		
<b>AGRIBUSINESS SYSTEMS</b>	Farm Laborer	Farm & Ranch Manager, Farm Equipment Technician			



# ARCHITECTURE & CONSTRUCTION

This career cluster is all about building and maintaining properties. This includes drafting and design work done on computers as well as hands-on construction jobs. These careers are great for people who love working with their hands, solving problems, and seeing projects come to life.

	 HIGH SCHOOL	 ASSOCIATE	 BACHELOR'S	 MASTER'S	 DOCTORATE
DESIGN & PRE-CONSTRUCTION		Civil Engineering Technician, Civil Drafter	Civil Engineer	Landscape Architect	Architect
CONSTRUCTION	Construction Laborer, Carpet Installer, Roofer	Mason, Carpenter, Electrician, Plumber		Construction Manager	
MAINTENANCE & OPERATIONS	Construction Equipment Operator				



# ARTS, A/V TECHNOLOGY, & COMMUNICATIONS

Careers in this cluster entertain and inform people. Making videos, painting, writing novels, dancing, and animating video game characters are just a few of the careers available in this field. People who want to express ideas in creative ways are drawn to these careers.



**HIGH SCHOOL**

**ASSOCIATE**

**BACHELOR'S**

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**DOCTORATE**

**AUDIO/VIDEO COMMUNICATIONS TECHNICIANS**

Movie Theater Projectionist, Equipment Operator

Broadcast Technician, Sound Engineer

Film Director, Music Director & Composer

**BROADCASTING, FILM, & JOURNALISM**

Radio & Television Announcer

Photographer

News Analyst

**PERFORMING ARTS**

Choreographer, Actor, Dancer, Musician

Makeup Artist

Set & Exhibit Designer

Theater Director

**PRINTING TECHNOLOGY**

Printing Machine Operator

Desktop Publisher

Editor

**TELECOMMUNICATION**

Equipment Installer & Repairer

**VISUAL ARTS**

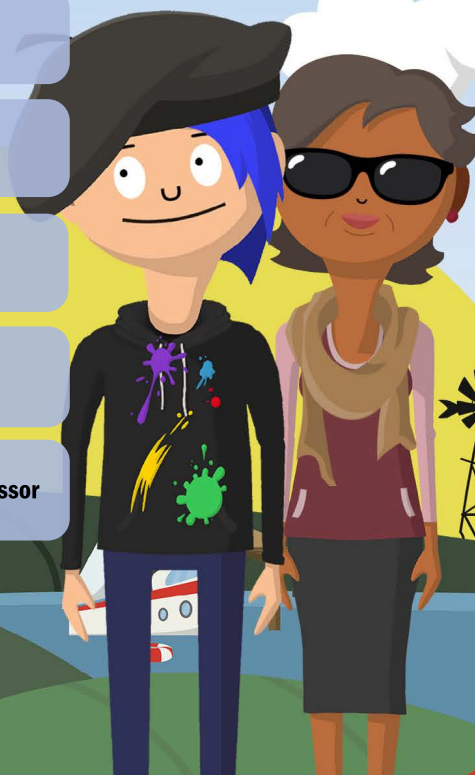
Craft Artist

Graphic Designer, Fine Artist, Fashion Designer

Commercial & Industrial Designer







Art Director, Archivist

Art Professor



# BUSINESS, MANAGEMENT, & ADMINISTRATION






These careers focus on organizing businesses and making them work efficiently. This career cluster is great for those who are ambitious and love working with people, making deals, and organizing groups.

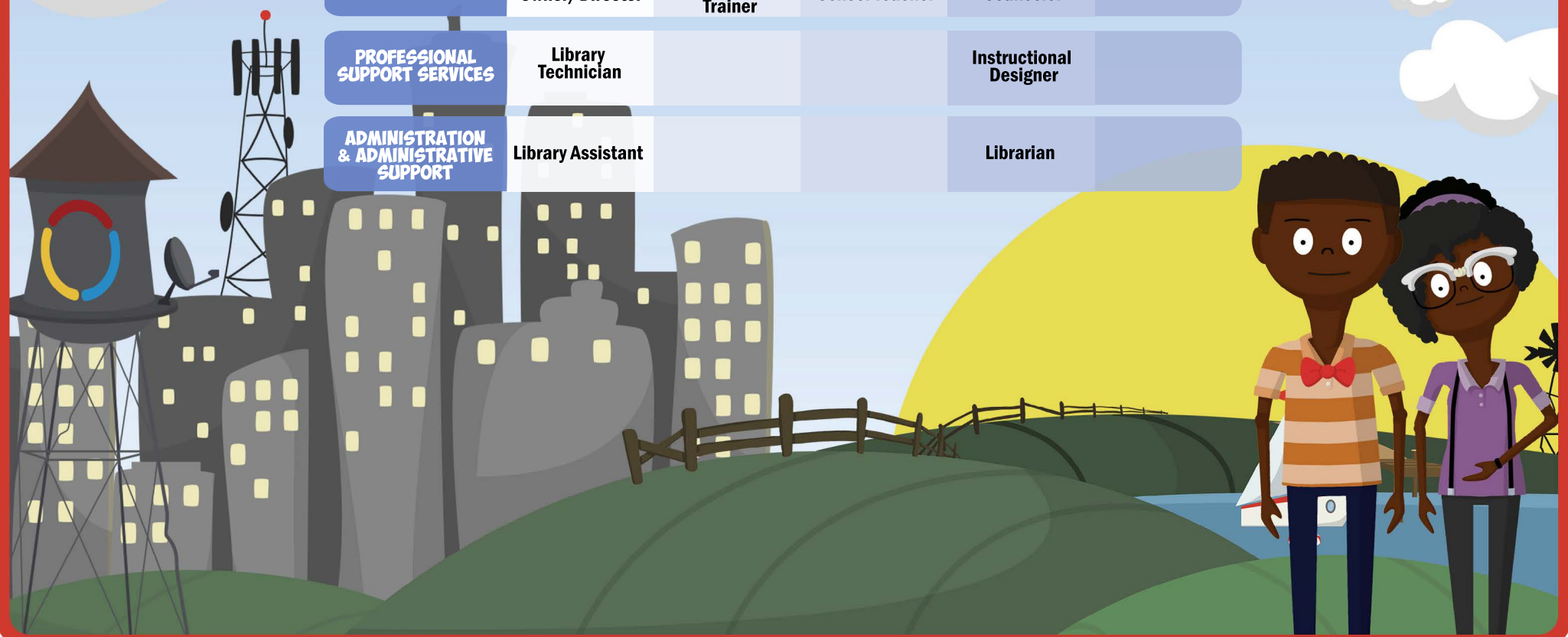
		 HIGH SCHOOL	 ASSOCIATE	 BACHELOR'S	 MASTER'S	 DOCTORATE
MANAGEMENT				Manager	Operations Manager	Executive
FINANCIAL MANAGEMENT & ACCOUNTING		File Clerk	Bookkeeper		Accountant	
HUMAN RESOURCES		Human Resources Assistant		Human Resource Specialist	Human Resources Manager	
BUSINESS ANALYSIS		Data Entry Keyer			Management Analyst	
MARKETING		Customer Service				
ADMINISTRATION & INFORMATION SUPPORT		Receptionist	Administrative Assistant			



# EDUCATION & TRAINING







Education and training professionals help others learn. They are teachers, tutors, corporate trainers, and the people who design courses, textbooks, and other materials. This career cluster is good for anyone patient and thoughtful, who like helping others and love learning.

	 <b>HIGH SCHOOL</b>	 <b>ASSOCIATE</b>	 <b>BACHELOR'S</b>	 <b>MASTER'S</b>	 <b>DOCTORATE</b>
<b>TEACHING &amp; TRAINING</b>	Child Care Worker, Child Care Center Owner/Director	Teacher Assistant, Preschool Teacher, Coach, Fitness Trainer	Elementary, Middle, and High School Teacher	School Guidance Counselor	College Professor
<b>PROFESSIONAL SUPPORT SERVICES</b>	Library Technician			Instructional Designer	
<b>ADMINISTRATION &amp; ADMINISTRATIVE SUPPORT</b>	Library Assistant			Librarian	



# FINANCE







People who work in finance keep track of money. They prepare taxes, keep financial records, and/or advise businesses and individuals on how to spend their money wisely. This career cluster is good for anyone who loves math, organization, and detail.

	 HIGH SCHOOL	 ASSOCIATE	 BACHELOR'S	 MASTER'S	 DOCTORATE
 FINANCIAL PLANNING		Tax Preparer	Budget Analyst, Personal Financial Advisor	Financial Manager	Economist
BUSINESS FINANCIAL MANAGEMENT			Accountant	Financial Analyst	
BANKING SERVICES	Teller	Brokerage Clerk	Loan Officer		
INSURANCE SERVICES	Insurance Clerk	Insurance Adjuster	Insurance Underwriter	Actuary	



# GOVERNMENT & PUBLIC ADMINISTRATION

There are many different kinds of careers in this cluster, but they all work to build and improve our communities. This cluster includes elected officials but also city planners, community organizers, health inspectors, and the dozens of other jobs that make our government work.

		 HIGH SCHOOL	 ASSOCIATE	 BACHELOR'S	 MASTER'S	 DOCTORATE
<b>GOVERNANCE</b>				Legislator		
<b>NATIONAL SECURITY</b>		Enlisted Military			Emergency Management Director	
<b>FOREIGN SERVICE</b>				Foreign Service Officer		
<b>PLANNING</b>			Campaign Coordinator, Campaign Manager		Urban & Regional Planner	
<b>REVENUE &amp; TAXATION</b>		Meter Reader				
<b>REGULATION</b>		Eligibility Interviewer	Compliance Officer			Lawyer
<b>PUBLIC MANAGEMENT &amp; ADMINISTRATION</b>		Postal Service Mail Carrier				Judge



# HEALTH SCIENCE

Careers in the medical field fall into this cluster. People with these jobs treat patients, research new medicines, and care for the elderly and infirm. This career cluster is great for anyone who wants to help people directly by caring for their health.



	HIGH SCHOOL	ASSOCIATE	BACHELOR'S	MASTER'S	DOCTORATE
THERAPEUTICS	Home Health Aid, Nursing Assistant, Psychiatric Aide	Licensed Practical Nurse, Dental Hygienist	Registered Nurse, Occupational Therapist	Physician Assistant, Physical Therapist, Audiologist	Physician, Pharmacist, Psychiatrist, Surgeon, Dentist
INFORMATION	Healthcare Support Worker	Medical Records Tech, Medical Transcriptionist	Biomedical Engineer	Health Educator	
ENVIRONMENTAL				Epidemiologist	
DIAGNOSTIC		Sonographer	Medical Laboratory Technologist		





# HOSPITALITY & TOURISM

These careers provide services for people who are traveling, relaxing, or otherwise having fun. People in this industry work in hotels, restaurants, amusement parks, historical sites, and other exciting destinations. This career cluster is great for anyone who likes working with people.



**HIGH SCHOOL**

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**BACHELOR'S**

**MASTER'S**






**DOCTORATE**

	HIGH SCHOOL	ASSOCIATE	BACHELOR'S	MASTER'S	DOCTORATE
FOOD/BEVERAGE SERVICES	Waiter, Restaurant Cook, Butcher, Bartender	Chef			Dietician, Nutritionist
LODGING	Concierge	Hotel Clerk	Meeting & Convention Planner	Hotel Manager	
TRAVEL & TOURISM	Bellhop	Travel Agent, Table Games Dealer			
RECREATION	Umpire, Referee, Carnival Ride Attendant				Historian



# HUMAN SERVICES







These jobs help families meet their basic needs. People in human services help those who are facing poverty, crises, family issues, or mental health issues. This career cluster is great for people who are patient, caring, and interested in working with those in need.

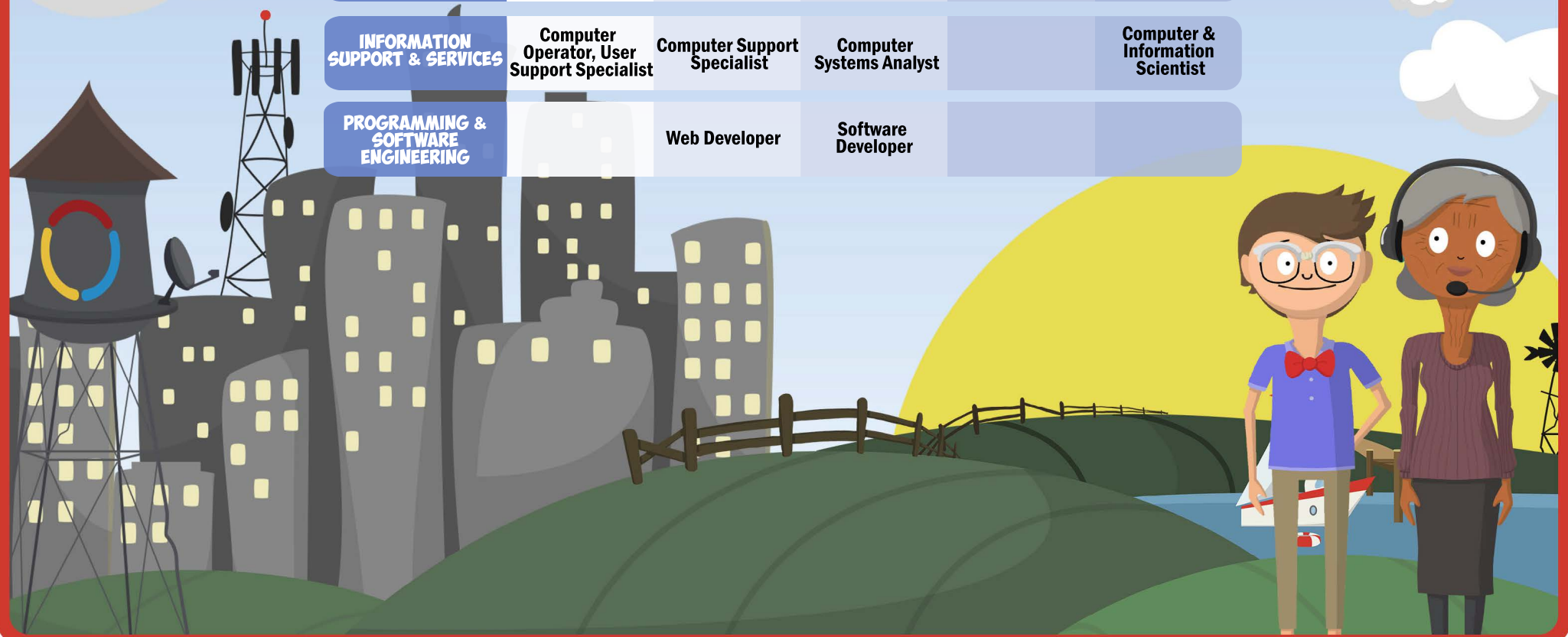
	 HIGH SCHOOL	 ASSOCIATE	 BACHELOR'S	 MASTER'S	 DOCTORATE
EARLY CHILDHOOD DEVELOPMENT & SERVICES	Child Care Worker, Childcare Center Owner/Director				
COUNSELING & MENTAL HEALTH SERVICES				Mental Health Counselor	Clinical Psychologist
FAMILY & COMMUNITY SERVICES	Funeral Attendant	Social & Human Service Assistant, Community Health Worker	Child & Family Social Worker	Sociologist, Marriage & Family Therapist	Clergy
PERSONAL CARE SERVICES	Personal Care Aid				
CONSUMER SERVICES	Tailor	Hair Stylist, Barber, Manicurist			



# INFORMATION TECHNOLOGY

People in Information Technology design hardware, develop software, and help people with computer issues. This career cluster is great for people who are detail-oriented and like solving problems.

	 <b>HIGH SCHOOL</b>	 <b>ASSOCIATE</b>	 <b>BACHELOR'S</b>	 <b>MASTER'S</b>	 <b>DOCTORATE</b>
 <b>NETWORK SYSTEMS</b>			Computer Network Architects	Information Systems Manager	
<b>INFORMATION SUPPORT &amp; SERVICES</b>	Computer Operator, User Support Specialist	Computer Support Specialist	Computer Systems Analyst		Computer & Information Scientist
<b>PROGRAMMING &amp; SOFTWARE ENGINEERING</b>		Web Developer	Software Developer		



# LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

People who work in this cluster are entrusted with keeping us safe and our legal system working. These careers include law enforcement, firefighters, detectives, and many others. This career cluster is good for anyone who wants to work with people and keep our communities safe.



**HIGH SCHOOL**

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	HIGH SCHOOL	ASSOCIATE	BACHELOR'S	MASTER'S	DOCTORATE
<b>CORRECTION SERVICES</b>	Correctional Officer	Probation Officer			Federal Prison Warden
<b>EMERGENCY MANAGEMENT SERVICES</b>	Emergency Dispatcher, Firefighter	Fire Inspector			
<b>SECURITY &amp; PROTECTIVE SERVICES</b>	Security Guard, Crossing Guard, Lifeguard	Private Detective	FBI agent	Security Specialist	
<b>LAW ENFORCEMENT SERVICES</b>	Animal Control, Parking Enforcement	Bailiff, Fish & Game Warden, Forensic Science Technician	Criminal Investigator		
<b>LEGAL SERVICES</b>		Paralegal, Court Reporter	Judicial Law Clerk	Arbitrator	Lawyer



# TRANSPORTATION, DISTRIBUTION, & LOGISTICS

This career cluster works to move people and things from one place to another. Logisticians include the people who drive our trucks, fly our planes, and plan our roadways. This career cluster is great for anyone who loves travelling, problem solving, or working with people.



	 <b>HIGH SCHOOL</b>	 <b>ASSOCIATE</b>	 <b>BACHELOR'S</b>	 <b>MASTER'S</b>	 <b>DOCTORATE</b>
<b>TRANSPORTATION OPERATIONS</b>	Delivery Truck Driver, Bus Driver, Taxi Driver	Truck Driver, Locomotive Engineer, Ship Engineer		Airline Pilot	
<b>LOGISTICS PLANNING &amp; MANAGEMENT</b>		Air Traffic Controller			Architectural & Engineering Manager
<b>WAREHOUSING &amp; DISTRIBUTION OPERATIONS</b>	Cargo Agent	Aircraft Cargo Handling			
<b>EQUIPMENT MAINTENANCE</b>	Bicycle Repairer	Auto Mechanic, Aircraft Mechanic			
<b>TRANSPORTATION SYSTEMS &amp; INFRASTRUCTURE PLANNING</b>	Dispatcher	Transportation Inspector	Aerospace Engineer		
<b>HEALTH, SAFETY AND ENVIRONMENTAL MANAGEMENT</b>	Emergency Dispatcher				
<b>SALES &amp; SERVICE</b>	Parking Lot Attendant	Flight Attendant			



# MANUFACTURING

People who work in this career cluster design and build all kinds of useful products and represent or oversee those who do. These jobs are great for anyone who wants to work with their hands and see the fruits of their labor take shape.



**HIGH SCHOOL**

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**MASTER'S**






**DOCTORATE**

<b>PRODUCTION</b>	Factory Worker, Woodworker	Welder, Jeweler, Tool & Die Maker			
<b>PRODUCTION PLANNING &amp; CONTROL</b>			Industrial Production Manager	Labor Relations Specialist	
<b>MANUFACTURING ENGINEERING</b>		Machinist	Industrial Engineer		Chemical Engineer
<b>INDUSTRIAL MAINTENANCE</b>	Maintenance Worker, Locksmith	Industrial Machinery Mechanic, Watch Repairer			



# MARKETING SALES & SERVICE






These careers help businesses grow and make money. People who work in this cluster advertise brands, sell products, and communicate with the public in a variety of ways. This career cluster is great for anyone who likes working with people and has competitive spirit.

	 HIGH SCHOOL	 ASSOCIATE	 BACHELOR'S	 MASTER'S	 DOCTORATE
<b>MANAGEMENT &amp; ENTREPRENEURSHIP</b>	Brand Sales Representative, Brand Consultant, Door-to-Door Sales	Real Estate Agent		Marketing Manager	
<b>PROFESSIONAL SALES</b>	Retail Salesperson, Cashier			Sales Manager	
<b>MARKETING</b>		Advertising Sales Agent			
<b>BUYING &amp; MERCHANDISING</b>	Merchandise Displayers, Window Trimmers			Purchasing Manager	
<b>MARKETING COMMUNICATIONS &amp; PROMOTION</b>	Product Promoter	Photographer	Public Relations Specialist		
<b>MARKETING INFORMATION MANAGEMENT</b>			Market Research Analyst, Marketing Specialist		Marketing Data Scientist
<b>DISTRIBUTION AND LOGISTICS</b>	Stock Clerk and Order Filler				
<b>E-MARKETING</b>	Telemarketer				



# SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS

STEM is where cutting-edge research takes place. People who work in STEM invent new products and materials, discover how our world works, and solve new and interesting problems. This cluster is great for anyone who loves problem solving, learning, and discovering new things.

	 HIGH SCHOOL	 ASSOCIATE	 BACHELOR'S	 MASTER'S	 DOCTORATE
<b>SCIENCE &amp; MATHEMATICS</b>		Chemical Technician, Nuclear Technician	Zoologist, Atmospheric & Space Scientist, Chemist	Archeologist, Mathematician, Geographer, Statistician	Microbiologist, Astronomer, Physicist
<b>ENGINEERING &amp; TECHNOLOGY</b>	Waste Treatment Plant Operator	Civil Engineering Technician, Electro-Mechanical Technician	Electrical Engineer, Nuclear Engineer, Cartographer		

