

The Path To Becoming...

A HOSPITALITY & TOURISM PROFESSIONAL

KITCHEN MANAGER



Supervises food preparation and staff for a restaurant or dining hall. The kitchen manager makes sure that the meals we eat at cafeterias, restaurants, and places like hospitals are safe, nutritious, and tasty. A kitchen supervisor knows a lot about cooking, but also manages the food purchases and the other workers in a kitchen.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: CULINARY ARTS

EVENT SPECIALIST



Coordinates promotional sales events, professional meetings, and family events. An event specialist might help organize a wedding or a graduation party, and would help the host plan out meals, seating, music, and more. Event specialists really get the party started!

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: HOSPITALITY AND TOURISM MANAGEMENT

HOTEL MANAGER



Manages a hotel, including guest comfort and the expenses and budget of a hotel. Hotel managers make sure that rooms in a hotel are clean and safe, and that the front desk staff are prepared to help guests staying at the hotel. They may set the room rates and monitor the hotel's budget.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: HOSPITALITY AND TOURISM MANAGEMENT

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY PROFESSIONAL

POLICE OFFICER



Enforces city and town laws, maintains public safety, and protects property and people in the community. A police officer responds to emergencies and makes sure that drivers are following traffic laws when they drive. Police officers arrest criminals and can testify in court when a person is on trial for a crime.

TCAT OR POLICE ACADEMY

HIGH SCHOOL PROGRAM OF STUDY: CRIMINAL JUSTICE AND CORRECTION SERVICES

PARALEGAL



Assists attorneys and law offices with a variety of tasks ranging from administrative support to legal research and writing. A paralegal does the background research that helps a lawyer prepare for a trial. Paralegals draft documents and use special software to look up previous court cases to understand the legal history of an issue.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: PRE-LAW

FORENSIC SCIENCE TECHNICIAN



Collects, preserves, and analyzes scientific evidence during the course of an investigation. A forensic science technician may travel to the scene of a crime to collect the evidence themselves, or work in a laboratory, performing tests on objects brought to them by others.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: CHEMISTRY, BIOLOGY, GENETICS, OR FORENSIC SCIENCE

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

AN ADVANCED MANUFACTURING PROFESSIONAL

WELDER



Uses welding equipment to solder or heat and bind pieces of metal together. Welders may work locally on projects, or can use their welding career to take on adventurous jobs like welding on a ship or welding underwater! Some welders even travel with NASCAR pit crews.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: WELDING

ELECTRONIC TECHNICIAN



Helps engineers design and develop electrical and electronic equipment. Electronic equipment can be anything from cell phones to medical devices. An electronic technician helps design prototypes of machines, tests them, and repairs them if there are errors.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: ELECTROMECHANICAL TECHNOLOGY

PRODUCTION MANAGER



Plans and coordinates the manufacturing of products for a company. Production managers make sure that the right amount of products are produced at the right time for the right cost. A production manager could assist with the production of anything from cars to guitars!

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: MACHINING TECHNOLOGY

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A HEALTH SCIENCE PROFESSIONAL

CERTIFIED NURSING ASSISTANT



Certified Nursing Assistants help patients by supporting personal hygiene and daily living needs such as dressing and eating. In addition to working with doctors and nurses, they provide comfort, transportation, and vital sign monitoring for their patients.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: NURSING SERVICES

MEDICAL LABORATORY TECHNICIAN



Performs routine tests on samples of body fluids and tissue to research and diagnose diseases. A medical laboratory technician works in a laboratory or a doctor's office or hospital.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: DIAGNOSTIC SERVICES

ATHLETIC TRAINER



Athletic Trainers report to a licensed physician and work with other medical staff and coaches to ensure that players are ready to play, maintain proper diets, and receive proper treatment in the event of an illness or injury. They evaluate the condition of athletes, assist with establishing dietary and fitness plans, and use their knowledge of sports related injuries to diagnose and treat players.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: SPORT AND HUMAN PERFORMANCE

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A FINANCIAL PROFESSIONAL

BOOKKEEPER



Keeps records of accounts and financial transactions. A bookkeeper might work for a single business or help several businesses keep track of their expenses, payroll, and profits. The information that the bookkeeper tracks is later used by accountants for taxes and financial reports.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: ACCOUNTING

INSURANCE POLICY CLERK



Accepts and reviews applications for insurance and provides information to insurance agents. An insurance policy clerk works with customers to answer questions and help them choose the right policies for their vehicles, home, and for life insurance. In the event of an accident, an insurance policy clerk will collect information about the accident and help negotiate agreements between the insurance company and the customer.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: BANKING AND FINANCE

ACCOUNTANT



Organizes and maintains financial records for companies. An accountant helps businesses make sure that they are paying the right amount of taxes and that all of their financial paperwork is filed correctly for the government. Accountants may need to seek an additional certification called a CPA license (Certified Public Accountant) to earn a higher salary.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: ACCOUNTING

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A MARKETING PROFESSIONAL

FLORAL DESIGNER



Works with flowers and greens to create displays. A floral designer might take on a large event, like a wedding or funeral, and must work with clients to create the designs they want on a specific budget.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: ENTREPRENEURSHIP

ADVERTISING SALES REPRESENTATIVE



Sells advertising and works with business clients and customers to generate advertising sales. An advertising sales representative might work for a radio station or a local newspaper and will convince businesses that advertising with their station will get more people to buy their product or visit their store.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: MARKETING MANAGEMENT

E-COMMERCE ANALYST



Assists businesses with moving from selling products in a store or mall to selling products online. E-commerce analysts understand how using social media and building the right website can help a business grow. They develop marketing plans and work with website professionals to collect data about who buys their product and how to get more customers.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: ENTREPRENEURSHIP

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

AN AGRICULTURE, FOOD &
NATURAL RESOURCES PROFESSIONAL

GREENHOUSE MANAGER



Manages agricultural workers who grow and harvest plants, primarily flowers and trees. A greenhouse manager uses data to ensure that the greenhouse will produce the greatest number of plants that are healthy and ready to sell.

CERTIFICATE

HIGH SCHOOL PROGRAM OF STUDY: HORTICULTURE SCIENCE

VETERINARY TECHNICIAN



Assists veterinarians in diagnosing and treating medical conditions in animals. A veterinary technician works with all kinds of animals and helps pet owners, or works in a zoo with exotic pets. Veterinary technicians support animal health by testing and screening animals. They help the veterinarian with daily duties and responsibilities while working in an animal hospital or animal clinic.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: VETERINARY AND ANIMAL SCIENCE

PARK RANGER



Welcomes park visitors and oversees park land. A park ranger teaches visitors about the park, both in programs that take place when people visit and by going out into schools and communities to raise awareness of public parks. Park rangers make sure that trails and visitor areas of the park are safe and make repairs as needed.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

AN ARCHITECTURE & CONSTRUCTION PROFESSIONAL

SOLAR INSTALLER



Installs solar energy systems for homes or larger buildings. A solar installer has to understand how the solar batteries and wiring of a solar energy system work, and often works on the roofs of homes and tall buildings, making sure that the solar panels are safely installed.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: MECHANICAL, ELECTRICAL, & PLUMBING (MEP) SYSTEMS

ENGINEERING TECHNICIAN



Works with and assists electrical, mechanical, environmental, or structural engineers based on personal interests. Engineering technicians look for better ways to work and solve problems. For example, they may work to find ways to conserve energy in a factory or discover better ways to make steel.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: ENGINEERING

CONSTRUCTION MANAGER



Manages construction projects from project planning through completion. A construction manager makes sure that the construction company is staying within the budget and that the architects, engineers, and workers are able to work together to get the project completed safely and on time. It's important for a construction manager to stay organized with safety rules and local permits that are required.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: RESIDENTIAL & COMMERCIAL CONSTRUCTION

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

AN ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATION PROFESSIONAL

GRAPHIC DESIGNER



Works with text and images to create design for printed material or web sites. A graphic designer might design a logo or a brand, create a brochure, or work on an advertising campaign. Graphic designers use special design and editing software to make their designs true works of art.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: DIGITAL ARTS & DESIGN

BROADCAST TECHNICIAN



Works with light and sound technicians to create video recordings of events and private ceremonies. A broadcast technician might film and produce documentaries, commercials or music videos, or create promotional videos for businesses and post on company websites.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: AUDIO/VISUAL PRODUCTION

FASHION DESIGNER



Creates designs for clothing, shoes, accessories, and costumes. A fashion designer starts with a drawing and then chooses the fabric and materials to make their design come to life. Some fashion designers work on a large team for a brand of clothing, others have their own brand and work on their own.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: FASHION DESIGN

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A BUSINESS MANAGEMENT & ADMINISTRATION PROFESSIONAL

ADMINISTRATIVE ASSISTANT



Performs administrative work in an office. An administrative assistant manages files, responds to phone calls and emails, routes mail, and organizes meetings. Administrative assistants keep an office running smoothly and make sure the office is a place where people can do their best work.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: OFFICE MANAGEMENT

OPERATIONS MANAGER



Manages daily operation and activities for a company. The operations manager oversees daily activities and manages staff, then reports on their progress to the company's senior managers. Operations managers ensure that supplies, materials, and budgets are on track to meet the company's goals.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: BUSINESS MANAGEMENT

HUMAN RESOURCES MANAGER



Manages employees or human resources for a company or organization, including the recruiting, hiring, and training of employees. Human resources managers make sure that employees are fairly paid and help workers find the best insurance plans and job training. Human resources managers are people who enjoy being around and working with different people every day.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: BUSINESS MANAGEMENT

College. You can get there from here.

COLLEGEFOR TN.ORG



The Path To Becoming...

AN EDUCATION & TRAINING PROFESSIONAL

EARLY CHILDHOOD EDUCATOR



Works with young children, usually ages 3 - 5, to help them learn the social, motor, and language skills needed to be ready for kindergarten. An early childhood educator helps children learn through games and activities, and organizes a schedule for their class that includes learning, rest, and meals.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: EARLY CHILDHOOD EDUCATION CAREERS (PRE-K-4)

TEACHER ASSISTANT



Assists classroom teachers by providing extra individual attention and instruction to students. A teacher assistant is sometimes called a teacher aide and may work one-on-one with a student who has special needs, or provide many teachers assistance with paperwork or supervising students.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: TEACHING AS A PROFESSION

MIDDLE SCHOOL TEACHER



Teaches middle school students, usually in grades 6 - 8, in a public or private school. Many middle school teachers specialize in one or two subjects, like science or math. In addition to teaching classes, middle school teachers might mentor students, coach a team, or advise a club.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: TEACHING AS A PROFESSION

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A GOVERNMENT & PUBLIC ADMINISTRATION PROFESSIONAL

MAIL CARRIER



Collects and sorts mail and packages, sells stamps and other mailing supplies. A mail carrier will often need a driver's license so that they can deliver mail to residential and business customers. To become a mail carrier, you will need to pass a Civil Service exam. Continuing your education at a TCAT can help you build the critical thinking skills needed to pass the exam with flying colors!

TCAT

HIGH SCHOOL PROGRAM OF STUDY: PUBLIC MANAGEMENT AND ADMINISTRATION

LEGISLATIVE AIDE



Works in the office of state legislators, and answers phones, maintains schedules, conducts legal research, and drafts and edits legislation. A legislative aide calls other legislators to write new bills and discuss new ways to solve local and state problems. Legislative aides help legislators work together to create solutions to big problems.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: PUBLIC MANAGEMENT AND ADMINISTRATION

POLICY ANALYST



Provides expertise on government policy in a particular area. A policy analyst does research on laws that are either currently in place or being considered in state, local, or federal government. Policy analysts work closely with elected officials and non-profit organizations to get laws passed or change laws.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: PUBLIC MANAGEMENT & ADMINISTRATION

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A HUMAN SERVICES PROFESSIONAL

COSMETOLOGIST



Provides hair cuts, shampoos, hair styling, and other beauty services to customers. A cosmetologist works in a salon business or independent shop that may sell hair or skin products. Cosmetologists may also start their own salon and begin to offer other services like nails and coloring hair.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: COSMETOLOGY

DIETETIC ASSISTANT



Assists nutritionists in running food service and nutrition education programs. A nutrition assistant plans meals and can teach others about eating healthy and getting the right amounts of vitamins, minerals, and protein every day.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: DIETETICS AND NUTRITION

SOCIAL WORKER



Works with families and clients to deal with difficult situations and to also diagnose and treat emotional disorders and/or behavioral disorders. Social workers work directly with people everyday and find ways to support different people through challenging situations.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: HUMAN AND SOCIAL SCIENCES

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

AN INFORMATION TECHNOLOGY PROFESSIONAL

WEB DESIGNER



Maintains websites for companies and organizations. A web designer makes sure that a company's website information is up-to-date, and can design new website pages when a new product or promotion comes out. Web designers can also help companies respond to users who have questions about the site.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: WEB DESIGN

NETWORK AND COMPUTER SYSTEMS ADMINISTRATOR



Maintains computer networks and troubleshoots problems within an organization's computer and network systems. A network and computer systems administrator is the person who supervises those who help employees with a broken computer and resolves the issue if the internet and network are not working.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: COMPUTER INFORMATION SYSTEMS

SOFTWARE DEVELOPER



Develops the applications that allow people to do specific tasks on a computer or another device. A software developer is the creative mind behind computer programs, creating games and programs, or developing systems that run devices or control networks.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: COMPUTER SCIENCE

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS (STEM) PROFESSIONAL

GEOGRAPHICAL INFORMATION SYSTEMS TECHNICIAN



Analyzes geographical data that's used in a wide range of areas including health, city government, transportation, urban planning, business marketing, geology, and archaeology. A geographic information systems (GIS) technician gathers data from a variety of sources, stores it in databases, and uses those databases to make accurate maps.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: TECHNOLOGY

OPERATIONS RESEARCH ANALYST



Analyzes systems and processes in an organization or business and uses findings to help solve problems and improve management. An operations research analyst uses advanced mathematical models and computer software to analyze data. They collaborate with other analysts and with the management of an organization to help the organization become more efficient.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: TECHNOLOGY OR ADVANCED STEM APPLICATIONS

CIVIL ENGINEER



Designs and supervises large construction projects such as public buildings, roads, and waterways. A civil engineer may be in charge of a project like designing a bridge for a highway. The civil engineer must work with the construction team to ensure that the bridge is safe for drivers and that the bridge does not harm the surrounding land.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: ENGINEERING

College. You can get there from here.

COLLEGEFORTN.ORG



The Path To Becoming...

A TRANSPORTATION, DISTRIBUTION, & LOGISTICS PROFESSIONAL

AUTO BODY TECHNICIAN



Repairs exterior damage on cars such as dents and scrapes, and restores and improves the exterior appearance of cars. An auto body technician will talk to the customer and provide an estimate of the work that needs to be done, what parts are needed for the job, and how long it will take to make the repair.

TCAT

HIGH SCHOOL PROGRAM OF STUDY: AUTOMOTIVE COLLISION REPAIR

CARGO AND FREIGHT AGENT



Manages shipments of cargo or freight for a company or client. A cargo and freight agent works to figure out the best method of shipping an order and tracks the shipment, which may require specific fees or tariffs. When the shipment arrives, the cargo and freight agent confirms the delivery with the customer.

ASSOCIATE

HIGH SCHOOL PROGRAM OF STUDY: DISTRIBUTION AND LOGISTICS

AIRLINE PILOT



Operates and navigates a commercial, private, or military aircraft or helicopter. An airline pilot needs to understand the math and science behind creating a flight plan, as well as how weather and wind speeds affect the distance a plane can fly and the amount of fuel the plane will use.

BACHELOR'S

HIGH SCHOOL PROGRAM OF STUDY: AVIATION

College. You can get there from here.

COLLEGEFORTN.ORG

