



CRITICAL JOBS IN KENTUCKY



AG/EQUINE



CONSTRUCTION



DISTILLING



EDUCATION



ENERGY



HEALTHCARE



IT/BUSINESS
SERVICES



LOGISTICS



MANUFACTURING



CHOOSE YOUR CAREER PATH



INDUSTRY INDEX

This booklet was created to help educate students on the high-demand career opportunities within Kentucky's key industries. With descriptions of almost fifty career paths, including information on average annual salaries and education requirements, the goal is to help students explore their options for the future and start conversations about their career interests.

This book was created by the **Kentucky Chamber Foundation's Talent Pipeline Management (TPM®) program** and the 300 Kentucky employers that are involved in the program. The data and information on each job were provided by TPM® employer partners, KYSTATS, and the Kentucky Workforce Innovation Board.

Interested in connecting students with employers in these key industries? Learn more about the Kentucky Chamber Foundation's Bus to Business program at [kychamber.com/bustobusiness!](https://www.kychamber.com/bustobusiness)



AG/EQUINE

PAGES 2-6

Assiant Farm Manager, CDL Driver, Groom, Nightwatch, and Nurse/Vet Tech



CONSTRUCTION

PAGES 7-13

Architect, Carpenter, Construction Laborer, Custom Cabinet and Woodworking Craftsman, Electrician, Welder, and Civil Engineer



DISTILLING

PAGES 14-16

Maintenance Technician, General Operator, and Tour Guide



EDUCATION

PAGES 17-19

Career & Technical Education Teacher, Education Administrator, and Literacy Teacher



ENERGY

PAGES 20-22

Electrical Engineer, Environmental Safety and Health Coordinator, and Line Technician



HEALTHCARE

PAGES 23-27

Certified Nursing Assistant, Dietitian, Licensed Practical Nurse, Registered Nurse, and Social Worker



IT/BUSINESS SERVICES

PAGES 28-30

Customer Service Representative, Network Security Engineer, and Web Developer



LOGISTICS

PAGES 31-34

Aircraft Maintenance, Automotive Technician, Deckhand, and Diesel Technician



MANUFACTURING

PAGES 35-45

Additive Manufacturing Engineer, Assembler, Forklift Driver, Heavy Equipment Operator, Machine Operator, Maintenance Technician, Package Handler, Process Control Engineer, QC Technician, and Tool and Die Machinist



ASSISTANT FARM MANAGER

Assistant farm managers are responsible for the day-to-day care and upkeep of the horses and the barn. They must have experience handling horses of different temperaments and be competent in all areas of horse care and facility management.



AVERAGE ANNUAL EARNINGS:

\$30,000-\$40,000

WORK EXPERIENCE REQUIRED:

3-5 years

ON-THE-JOB TRAINING:

Moderate time, provided by employer

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED

CDL DRIVER

Team drivers must hold a Class A Commercial Drivers License and are responsible for picking up and delivering horses from farms, race tracks, vet clinics, and other equine facilities both in and out of state. Drivers are responsible for ensuring the care and safety of the horses that are traveling. In addition, they are responsible for loading/unloading the equipment that travels with the horses, communicating with office staff and field agents, completing paperwork, and providing customer service.



AVERAGE ANNUAL EARNINGS:

\$70,000-\$80,000

WORK EXPERIENCE REQUIRED:

1+ years

ON-THE-JOB TRAINING:

Moderate-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED

GROOM

The overall responsibility of a Thoroughbred groom consists of daily care and upkeep of horses. Duties specifically include holding horses for the blacksmith and veterinarian and assisting in basic first aid. Also, grooms will turn horses in and out daily, keep stalls clean and bedded, follow the daily feed and watering schedule, and engage in facility maintenance to ensure safety. Grooms also have direct communication with supervisors and other staff to relay information pertinent to the horses' health and well-being in their care.



AVERAGE ANNUAL EARNINGS:

\$25,000-\$35,000

WORK EXPERIENCE REQUIRED:

Less than one year

ON-THE-JOB TRAINING:

Short-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED or equivalent industry training

NIGHTWATCH

Nightwatch personnel oversee the stables and facilities during the night. Tasks include checking on horses, topping off water, feeding or removing feed tubs, and administering any needed medications. During foaling season, this position must be extra diligent in their care of the mares and foals under their supervision. Regardless of the time of year, this position is always responsible for contacting the appropriate person in case of an emergency and keeping a dutiful eye on the property.



AVERAGE WEEKLY EARNINGS:

\$550-600

WORK EXPERIENCE REQUIRED:

One year or more

ON-THE-JOB TRAINING:

Short-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED or equivalent industry training



NURSE/ VET TECH

A nurse is responsible for handling all types of horses for veterinary care. They must have an understanding of anatomy, administer medications and perform basic medical procedures and first aid, and communicate with both doctors and other clinic staff. Also, they are in charge of keeping supplies stocked, facilities clean, and are expected to follow clinic protocol and bio-security measures.



AVERAGE HOURLY EARNINGS:

\$12-14/hour

WORK EXPERIENCE REQUIRED:

1+ years or equine experience

ON-THE-JOB TRAINING:

Moderate-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED

ARCHITECT

Architects design buildings and other structures. Buildings must be not only attractive, but also safe and functional. Architects may be involved in all phases of development, from the first discussion with the client through construction. They may also help the client in getting construction bids and selecting contractors. Architects sometimes specialize in the design of one type of building, such as hospitals or homes.

**AVERAGE ANNUAL EARNINGS:**

\$67,214

FIVE-YEAR OPENINGS:

274

WORK EXPERIENCE REQUIRED:

5 years or more

ON-THE-JOB TRAINING:

Internship

MINIMUM EDUCATION REQUIRED:

Master's Degree



CARPENTER

Carpenters generally specialize in the design, construction, and repair of structures using wooden raw materials and various implements. Some carpenters can specialize in “rough carpentry,” which is the process of using forms for the placement of concrete.

Some of the qualities carpenters should have to be effective in their job include physical strength as well as math, mechanical, and problem-solving skills.



AVERAGE ANNUAL EARNINGS:

\$46,002

FIVE YEAR OPENINGS:

6,930

WORK EXPERIENCE REQUIRED:

None to one year or less

ON-THE-JOB TRAINING:

Short-term, including apprenticeship

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED or Post-Secondary Non-Degree Award

CONSTRUCTION LABORER

A construction laborer or craft laborer is a person that does physical labor on construction sites. Some tasks common to this job are cleaning, loading or unloading materials, and removing hazards. They may occasionally run light-duty equipment or put together/ take apart scaffolding and other temporary structures. They are essential to all types of construction. This job is a great way for a person to get started in their career with lots of opportunity for future growth into a fulfilling career in the construction industry.



AVERAGE ANNUAL EARNINGS:

\$33,000

FIVE YEAR OPENINGS:

2,356

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Short-term

MINIMUM EDUCATION REQUIRED:

No formal educational credential



CUSTOM CABINET/ WOODWORKING CRAFTSMEN

Cabinetmakers and bench carpenters cut, shape, assemble, and make parts for wood products. They often design and create sets of cabinets that are customized for particular spaces. In some cases, their duties begin with designing a set of cabinets to specifications and end with installing the cabinets.

**AVERAGE ANNUAL EARNINGS:**

\$46,002

FIVE-YEAR OPENINGS:

6,930

WORK EXPERIENCE REQUIRED:

None to 1 year or less

ON-THE-JOB TRAINING:

Short-term, including apprenticeship

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED or non-degree award

ELECTRICIAN

Electricians install and repair electrical wiring, systems, and fixtures in buildings. They install conduits and pipes to house electrical wires and cables, ensure that piping complies with electrical codes, install circuit breakers and other electrical hardware and connect wiring to them.



AVERAGE ANNUAL EARNINGS:

\$52,081

FIVE YEAR OPENINGS:

38,313

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Apprenticeship

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED or equivalent



WELDER

Welders perform a variety of welding functions that results in precise, quality welds. Welds in flat, horizontal, vertical, or overhead positions. Monitor and adhere to wire speed and gas flow requirements. Examines weld for bead size and other specifications. Repairs broken cracked parts and fills holes. Positions and clamps work pieces together or assemble them to fixture. Tacks assemblies together. Removes excess weld, slag or spatter. Utilizes overhead cranes to move weldments in and out of welding area.

**AVERAGE ANNUAL EARNINGS:**

\$39,237

FIVE YEAR OPENINGS:

1,753

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Moderate Term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED

CIVIL ENGINEER

Civil engineers conceive, design, build, supervise, operate, construct, and maintain infrastructure projects and systems in the public and private sector, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment. Many civil engineers work in planning, design, construction, research, and education.



AVERAGE ANNUAL EARNINGS:

\$77,230

FIVE-YEAR OPENINGS:

598

WORK EXPERIENCE REQUIRED:

3 years or more

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Associate's or Bachelor's Degree

MAINTENANCE TECHNICIAN/ SPECIALIST

Maintenance technicians and specialists complete preventive maintenance, follow procedures, safety, and regulations, identify the source of malfunctions and overhauls, and maintain, troubleshoot, and repair plant devices. They obtain and carry necessary tools, equipment, and supplies and can read relevant precision measuring instruments.



MEDIAN ANNUAL EARNINGS:

\$41,250

WORK EXPERIENCE REQUIRED:

1-3 years of maintenance work

**Industrial experience may be required*

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Associate's Degree

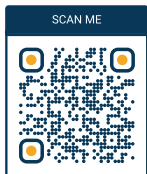
**High school diploma or equivalent may be sufficient*

***Hands-on test may be required.*

ADVANCEABLE TO:

Team Lead, Production Supervisor

VIEW JOB OPENINGS
AT KDA MEMBER
DISTILLERIES



GENERAL OPERATOR

General operators run bottling line machines, perform all job functions safely, and monitor for quality control. They maintain a clean, safe work area, coordinate with the supervisor, and work with team members.



MEDIAN ANNUAL EARNINGS:

\$33,876

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

None

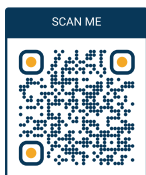
MINIMUM EDUCATION REQUIRED:

High School Diploma or Equivalent

ADVANCEABLE TO:

Any position, or increase responsibility/scope

**VIEW JOB OPENINGS
AT KDA MEMBER
DISTILLERIES**





TOUR GUIDE

Tour guides provide tours of facilities and inform guests about the products. They communicate historical information about the brand and processing methods, conduct product tastings, greet guests upon arrival, and prepare for visitor experience before events.



MEDIAN ANNUAL EARNINGS:

\$29,161

WORK EXPERIENCE REQUIRED:

Public speaking, customer service experience preferred

ON-THE-JOB TRAINING:

STAR Training, internal brand knowledge

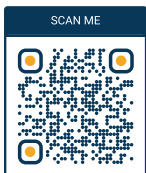
MINIMUM EDUCATION REQUIRED:

High School Diploma or Equivalent

ADVANCEABLE TO:

Brand Ambassador, Visitor Center Supervisor/Manager,
Retail Operations Manager

VIEW JOB OPENINGS
AT KDA MEMBER
DISTILLERIES





CAREER & TECHNICAL EDUCATION TEACHER

Career and technical education teachers help students explore and prepare to enter a career or technical occupation. They use a variety of teaching methods to help students learn and develop skills related to a specific occupation or career field. They demonstrate tasks, techniques, and tools used in an occupation.

**AVERAGE ANNUAL EARNINGS:**

\$49,797

FIVE-YEAR OPENINGS:

2,329

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Long-term



EDUCATION ADMINISTRATOR

Education administrators plan, direct, or coordinate public or private elementary or secondary-level schools' academic, administrative, or auxiliary activities.



AVERAGE ANNUAL EARNINGS:

\$88,553

FIVE-YEAR OPENINGS:

4,290

WORK EXPERIENCE REQUIRED:

Educational leadership, teaching, administration

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Master's Degree



ADULT EDUCATION AND LITERACY TEACHER

Adult and secondary education and literacy teachers instruct out-of-school youths and adults in remedial education classes, preparatory classes for the General Educational Development test, literacy, or English as a second language. Teaching may or may not take place in a traditional educational institution.

**AVERAGE ANNUAL EARNINGS:**

\$26,412

FIVE-YEAR OPENINGS:

470

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Bachelor's Degree



ELECTRICAL ENGINEER

Electrical engineers design, develop, test, and manage the manufacturing of electrical equipment, from electric motors and navigation systems to power generation equipment and the electrical components of vehicles and personal devices.

**AVERAGE ANNUAL EARNINGS:**

\$89,888

FIVE-YEAR OPENINGS:

655

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Bachelor's Degree



ENVIRONMENTAL SAFETY & HEALTH COORDINATOR

Environmental health and safety coordinators work to create and enforce a culture of safety within their organizations. They implement programs, policies, and assessments to ensure their company is in compliance with all federal and internal health and safety rules.

**AVERAGE ANNUAL EARNINGS:**

\$30,125

FIVE-YEAR OPENINGS:

1,822

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Post-secondary non-degree award



LINE TECHNICIAN

A line technician is responsible for conducting routine maintenance checks to ensure the operational efficiency of machines and equipment production. Line technicians monitor the control processes, run diagnostic tests with products and equipment, and create a comprehensive report for resolution methods.

**AVERAGE ANNUAL EARNINGS:**

\$63,155

FIVE-YEAR OPENINGS:

1,080

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Long-term

MINIMUM EDUCATION REQUIRED:

Industry certification



CERTIFIED NURSING ASSISTANT

Certified nursing assistants in long-term care settings care for senior residents in a variety of ways. These health care workers guide seniors through the tasks of every day living including: serving meals, feeding, positioning, and comfort. Certified nursing assistants maintain patients' stability by checking vital signs like weight and blood sugar. They also complete documents for recording, reporting, and forms.



AVERAGE ANNUAL EARNINGS:

\$25,491

FIVE-YEAR OPENINGS

7,898

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Clinical Rotations

MINIMUM EDUCATION REQUIRED:

Post-secondary non-degree award



DIETITIAN

Dietitians are experts in the use of food and nutrition to promote health and manage disease. They advise people on what to eat in order to lead a healthy lifestyle or achieve a specific health-related goal.



AVERAGE ANNUAL EARNINGS:

\$38,890

FIVE-YEAR OPENINGS:

1,600

WORK EXPERIENCE REQUIRED:

1,200 hours of supervised experience

ON-THE-JOB TRAINING:

Long-term

MINIMUM EDUCATION REQUIRED:

Bachelor's Degree



LICENSED PRACTICAL NURSE

A licensed practical nurse works under the supervision of doctors and registered nurses, performing duties such as taking vital signs, collecting samples, administering medication, ensuring patient comfort, and reporting the status of their patients to the nurses.



AVERAGE ANNUAL EARNINGS:

\$40,407

FIVE YEAR OPENINGS:

2,366

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Clinical Rotations

MINIMUM EDUCATION REQUIRED:

Post-secondary non-degree award

REGISTERED NURSE

Registered nurses (RN) deliver patient care services within a healthcare setting. These professionals are responsible for providing and coordinating patient care, educating patients about the care that they are receiving, and providing support to patients and their families. RNs have various duties, such as administering patients' medicines and treatments, operating and monitoring medical equipment, and helping to perform diagnostic tests. RNs can work in various settings such as the hospital, clinics, home health agencies, and via telehealth.



AVERAGE ANNUAL EARNINGS:

\$60,507

FIVE YEAR OPENINGS:

12,163

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Clinical Rotations

MINIMUM EDUCATION REQUIRED:

Associate's or Bachelor's Degree



SOCIAL WORKER

Social workers help people solve and cope with problems in their everyday lives. Clinical social workers also diagnose and treat mental, behavioral, and emotional issues.



AVERAGE ANNUAL EARNINGS:

\$41,761

FIVE-YEAR OPENINGS:

396

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Associate's Degree



CUSTOMER SERVICE REPRESENTATIVE

A customer service representative supports customers by providing helpful information, answering questions, and responding to complaints. They're the front line of support for clients and customers, and they help ensure that customers are satisfied with products, services, and features. Customer service representatives require basic computer skills, update and maintain customer databases, work autonomously, and frequently work remotely. This role is a good starting point for those who wish to move into a helpdesk or other mid-level role within the company.



AVERAGE ANNUAL EARNINGS:

\$29,500

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Moderate-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



NETWORK SECURITY ENGINEER

A network security engineer protects systems from cyber threats, including bugs, malware, and hacking attempts. The IT professional should be able to identify existing issues and build safeguards to avoid future threats. Testing and configuration of hardware and software systems are involved. A network security engineer is responsible for every aspect of data safety in a network, ensuring there are minimum vulnerabilities by adopting and integrating the latest technology to prevent malicious attacks.



AVERAGE ANNUAL EARNINGS:

\$65,928

FIVE-YEAR OPENINGS:

207

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Bachelor's Degree



WEB DEVELOPER

Web developers create and maintain websites. They are also responsible for the site's technical aspects, such as its performance and capacity, which are measures of a website's speed and how much traffic the site can handle. In addition, web developers may create content for the site. They use web-facing technology and ensure the website is visually appealing and easy to navigate.



AVERAGE ANNUAL EARNINGS:

\$53,116

FIVE YEAR OPENINGS:

248

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Associate's Degree



AIRCRAFT MAINTENANCE

Aircraft mechanics inspect mechanical, hydraulic, and structural systems and diagnose malfunctions. They use power and hand tools (e.g. saws, grinders) to repair aircraft parts. For example, they fix broken wings and leaks. Aircraft mechanics also ensure compliance with aviation safety rules and regulations.



AVERAGE ANNUAL EARNINGS:

\$49,979

FIVE YEAR OPENINGS:

2,329

WORK EXPERIENCE REQUIRED:

None, but 2 years experience preferred

ON-THE-JOB TRAINING:

Long-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED, A&P Licensure



AUTOMOTIVE TECHNICIAN

An automotive technician is largely responsible for diagnosing and repairing vehicle engine systems. They also diagnose and repair electrical and electronic systems, replace or repair transmissions and fuel components as needed, and repair cooling components and systems including air conditioners and engine cooling.

**AVERAGE ANNUAL EARNINGS:**

\$37,684

FIVE-YEAR OPENINGS:

2,965

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Long-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



DECKHAND

Deckhands fulfill primary duties essential to running watercraft like ships, ferries, and boats. They assist the mate and second mate with the vessel's safe operation and tow in a fashion that exceeds the highest standards within the industry. They consider safety a prime responsibility to be safeguarded at all times. Deckhands promote and maintain the utmost integrity and the highest standard of safety and production on the vessel and the tow.



AVERAGE ANNUAL EARNINGS:

\$20,000-\$50,000

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Provided by employer

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



DIESEL TECHNICIAN

Diesel technicians make major and minor engine repairs, and work on a vehicle's electrical and exhaust systems to comply with pollution regulations. Diesel technicians also use a variety of power and machine tools, such as pneumatic wrenches, lathes, grinding machines, and welding equipment.



AVERAGE ANNUAL EARNINGS:

\$37,684

FIVE-YEAR OPENINGS:

2,965

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Long-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



ADDITIVE MANUFACTURING ENGINEER

Additive manufacturing engineers develop manufacturing processes by studying product requirements, researching, designing, modifying, and testing manufacturing methods and equipment. They also confer with equipment vendors to improve efficiency by analyzing and planning workflow, space requirements, and equipment layout.



AVERAGE ANNUAL EARNINGS:

\$81,221

FIVE-YEAR OPENINGS:

1,140

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

Bachelor's Degree



ASSEMBLER

Assemblers prepare work to be accomplished by studying instructions, blueprint specifications, and parts lists. They gather parts, subassemblies, tools, and materials. They assemble components by examining connections for correct fit and fasten parts and subassemblies. They also help maintain that equipment remains operational by completing preventive maintenance requirements, following the manufacturer's instructions, troubleshooting malfunctions, and calling for repairs.



AVERAGE ANNUAL EARNINGS:

\$37,554

FIVE YEAR OPENINGS:

6,059

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Moderate-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



FORKLIFT DRIVER

Forklift operators are responsible for operating and managing industrial trucks to load and unload materials and deliveries, move them to and from storage areas, machines, loading docks, and into railroad cars, trucks, or storage facilities.



AVERAGE ANNUAL EARNINGS:

\$28,282

FIVE YEAR OPENINGS:

8,189

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Short-term

MINIMUM EDUCATION REQUIRED:

No formal educational credential
Forklift certification required by OSHA



HEAVY EQUIPMENT OPERATOR

Duties and responsibilities of a heavy equipment operator include operating all heavy equipment such as cranes, earth movers, bulldozers, front-end loaders, and other related equipment.



AVERAGE ANNUAL EARNINGS:

\$60,827

FIVE YEAR OPENINGS:

1,034

WORK EXPERIENCE REQUIRED:

5 years or more

ON-THE-JOB TRAINING:

None

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



MACHINE OPERATOR

Machine operators set up, operate, and maintain machinery. They are responsible for ensuring the machine produces high-quality products, runs smoothly and at capacity, and is properly maintained. Education and training requirements depend on the type of machinery.



AVERAGE ANNUAL EARNINGS:

\$34,214

FIVE YEAR OPENINGS:

3,281

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Moderate-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



MAINTENANCE TECHNICIAN

A maintenance technician ensures that a facility remains in operating form. Daily tasks will vary day-to-day based on what is in need of attention at the time, but can frequently include repairs, aesthetic work or tending to the facility's machinery. The type of work a maintenance technician will encounter on an average day is also determined by the company the technician works for as well as the company's grounds and facility.



AVERAGE ANNUAL EARNINGS:

\$30,000-\$50,000

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Moderate Term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



PACKAGE HANDLER

Package handlers load and unload packages at the warehouse. They make sure all packages are properly packed and loaded. They also follow written and verbal instructions from the warehouse manager and prepare packages for delivery using scanners, handheld printers, and packing materials.



AVERAG EARNINGS:

\$22,917

FIVE YEAR OPENINGS:

3,020

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Short-term

MINIMUM EDUCATION REQUIRED:

No formal educational credential needed



PROCESS CONTROL ENGINEER

Process control engineers are responsible for developing and implementing process strategies, managing process resources, optimizing current processes, and maintaining process documents. Overall, they maintain the efficiency of production in order to reduce costs.



MINIMUM ANNUAL EARNINGS:

\$65,000

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Moderate-term

MINIMUM EDUCATION REQUIRED:

Bachelor's Degree in Engineering



QUALITY CONTROL TECHNICIAN

Quality control technicians wash laboratory glassware, perform safety inspections, clean hoods, and disinfect benches. They also receive ordered materials, label and store appropriately, prepare supplies for autoclaving, perform bi-weekly sweeping and mopping of the laboratory floors, among other things.



AVERAGE ANNUAL EARNINGS:

\$32,354

FIVE YEAR OPENINGS:

163

WORK EXPERIENCE REQUIRED:

None

ON-THE-JOB TRAINING:

Moderate-term

MINIMUM EDUCATION REQUIRED:

High School Diploma/GED



TOOL AND DIE MACHINIST

Tool and die makers create and maintain tools used in manufacturing of all types. These professionals repair, build, and maintain tools and fixtures in compliance with production standards and safety regulations. Tool and die makers work in manufacturing and industrial environments, usually in factories and tool rooms, and primarily report to their supervisors and shift managers.



AVERAGE ANNUAL EARNINGS:

\$53,465

FIVE YEAR OPENINGS:

5-10

WORK EXPERIENCE REQUIRED:

2 years minimum

ON-THE-JOB TRAINING:

Long-term

MINIMUM EDUCATION REQUIRED:

Associate Degree in Machine Tool Technology

