

Electrical Power-Line Installers & Repairers



Architecture and
Construction

Also called: Class A Lineman, Journeyman Lineman, Lineman, Power Lineman

What they do:

Install or repair cables or wires used in electrical power or distribution systems. May erect poles and light or heavy duty transmission towers.

On the job, you would:

- Adhere to safety practices and procedures, such as checking equipment regularly and erecting barriers around work areas.
- Test conductors, according to electrical diagrams and specifications, to identify corresponding conductors and to prevent incorrect connections.
- Open switches or attach grounding devices to remove electrical hazards from disturbed or fallen lines or to facilitate repairs.

Knowledge

Engineering & Technology

- mechanical

Business

- customer service

Math and Science

- physics

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- keeping track of how well people and/or groups are doing in order to make improvements

Problem Solving

- noticing a problem and figuring out the best way to solve it

Abilities

Hand and Finger Use

- keep your arm or hand steady
- hold or move items with your hands

Controlled Movement

- use your arms and/or legs together while sitting, standing, or lying down
- quickly change the controls of a machine, car, truck or boat

Ideas & Logic

- notice when problems happen
- order or arrange things

Verbal

- listen and understand what people say

Personality

People interested in this work like activities that include **practical, hands-on problems and solutions.**

They do well at jobs that need:

- **Dependability**
- **Attention to Detail**
- **Self Control**
- **Leadership**
- **Cooperation**
- **Adaptability/Flexibility**

Technology

You might use software like this on the job:

Spreadsheet software

- Microsoft Excel

Electronic mail software

- Email software

Office suite software

- Microsoft Office software

Education



Postsecondary
non-degree
award

Job Outlook

72 Annual
Openings
H3 High Wage,
Skill, Demand
Occupation

Wages

\$ 28.24
Per Hour
58,730
Per Year

Electricians



Architecture and
Construction

Also called: Chief Electrician, Electrician, Journeyman Electrician, Maintenance Electrician

What they do:

Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.

On the job, you would:

- Plan layout and installation of electrical wiring, equipment, or fixtures, based on job specifications and local codes.
- Connect wires to circuit breakers, transformers, or other components.
- Test electrical systems or continuity of circuits in electrical wiring, equipment, or fixtures, using testing devices, such as ohmmeters, voltmeters, or oscilloscopes, to ensure compatibility and safety of system.

Knowledge

Engineering & Technology

- building and construction
- mechanical

Math & Science

- arithmetic, algebra, geometry, calculus, or statistics
- physics

Arts & Humanities

- English language

Safety & Government

- public safety and security

Personality

People interested in this work like activities that include **practical, hands-on problems and solutions.**

They do well at jobs that need:

- **Dependability**
- **Attention to Detail**
- **Integrity**
- **Analytical Thinking**
- **Initiative**
- **Leadership**

Wages

\$ 21.67
Per Hour
45,073
Per Year

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- thinking about the pros and cons of different ways to solve a problem

People and Technology Systems

- thinking about the pros and cons of different options and picking the best one
- figuring out how a system should work and how changes in the future will affect it

Problem Solving

- noticing a problem and figuring out the best way to solve it

Technology

You might use software like this on the job:

Analytical or scientific software

- Construction Master Pro software
- Electrosoft FlashWorks

Database user interface & query software

- Insight Direct ServiceCEO
- Resolve service management software

Computer aided design CAD software

- One Mile Up Panel Planner
- SmartDraw software

Abilities

Hand and Finger Use

- keep your arm or hand steady
- put together small parts with your fingers

Ideas & Logic

- notice when problems happen
- make general rules or come up with answers from lots of detailed information

Verbal

- listen & understand what people say
- communicate by speaking

Visual Understanding

- see hidden patterns

Education



Postsecondary
non-degree
award

Job Outlook

155 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation

Architects, Except Landscape & Naval



Architecture and
Construction

Also called: Architect, Architectural Project Manager, Project Architect, Senior Architectural Designer

What they do:

Plan and design structures, such as private residences, office buildings, theaters, factories, and other structural property.

On the job, you would:

- Prepare scale drawings or architectural designs, using computer-aided design or other tools.
- Plan or design structures such as residences, office buildings, theatres, factories, or other structural properties in accordance with environmental, safety, or other regulations.
- Direct activities of technicians engaged in preparing drawings or specification documents.

Knowledge

Engineering & Technology

- building and construction
- design

Math & Science

- arithmetic, algebra, geometry, calculus, or statistics

Arts & Humanities

- English language
- music, dance, visual arts, drama, or sculpture

Business

- customer service
- management

Personality

People interested in this work like activities that include

creating, designing, and making your own rules.

They do well at jobs that need:

- **Dependability**
- **Attention to Detail**
- **Integrity**
- **Analytical Thinking**
- **Initiative**
- **Cooperation**

Wages

\$ 38.04
Per Hour
79,128
Per Year

Skills

Basic Skills

- talking to others
- thinking about the pros and cons of different ways to solve a problem

People and Technology Systems

- thinking about the pros and cons of different options and picking the best one
- figuring out how a system should work and how changes in the future will affect it

Problem Solving

- noticing a problem and figuring out the best way to solve it

Technology

You might use software like this on the job:

Project management software

- Craftsman CD Estimator
- Turtle Creek Software Goldenseal

Graphics or photo imaging software

- Adobe Systems Adobe Illustrator
- Adobe Systems Adobe Photoshop

Computer aided design CAD software

- Autodesk AutoCAD software
- NavisWorks Jetstream

Abilities

Math

- add, subtract, multiply, or divide
- choose the right type of math to solve a problem

Ideas & Logic

- come up with lots of ideas
- create new and original ideas

Verbal

- listen & understand what people say
- communicate by speaking

Visual Understanding

- see hidden patterns

Education



Bachelor's degree
+ Internship/
residency

Job Outlook

27 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation

Construction Managers



Also called: Construction Manager, Construction Superintendent, General Contractor, Project Manager

What they do: Plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, budgeting, and implementation. Includes managers in specialized construction fields, such as carpentry or plumbing.

On the job, you would:

- Confer with supervisory personnel, owners, contractors, or design professionals to discuss and resolve matters, such as work procedures, complaints, or construction problems.
- Plan, schedule, or coordinate construction project activities to meet deadlines.
- Prepare and submit budget estimates, progress reports, or cost tracking reports.

Knowledge

Engineering & Technology

- building and construction
- product and service development

Math & Science

- arithmetic, algebra, geometry, calculus, or statistics

Business

- management
- customer service

Personality

People interested in this work like activities that include **leading, making decisions,** and business.

They do well at jobs that need:

- **Dependability**
- **Attention to Detail**
- **Integrity**
- **Cooperation**
- **Initiative**
- **Leadership**

Wages

\$ 39.56
Per Hour
82,293
Per Year

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- talking to others

Problem Solving

- noticing a problem and figuring out the best way to solve it

Resource Management

- managing your time and the time of other people
- selecting and managing the best workers for a job

Technology

You might use software like this on the job:

Database user interface & query software

- Microsoft Access
- UDA Technologies ConstructionSuite

Project management software

- CBS ProLog Manager
- HCSS HeavyBid

Document management software

- Axios Systems assist
- Daily Manager

Abilities

Ideas & Logic

- notice when problems happen
- order or arrange things

Verbal

- listen & understand what people say
- communicate by speaking

Visual Understanding

- see hidden patterns

Math

- add, subtract, multiply, or divide
- choose the right type of math to solve a problem

Education



Bachelor's degree
+ Moderate-term
on-the-job training

Job Outlook

108 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation

Mechanical Engineers



Also called: Design Engineer, Product Engineer, Mechanical Design Engineer

What they do:

Perform engineering duties in planning & designing tools, engines, machines, & other mechanically functioning equipment. Oversee installation, operation, maintenance, & repair of equipment such as centralized heat, gas, water, & steam systems.

On the job, you would:

- Read & interpret blueprints, technical drawings, schematics, or computer-generated reports.
- Assist drafters in developing the structural design of products using drafting tools or computer-assisted design (CAD) or drafting equipment & software.
- Research, design, evaluate, install, operate, & maintain mechanical products, equipment, systems & processes to meet requirements, applying knowledge of engineering principles.

Knowledge

Engineering & Technology

- product & service development
- design

Math & Science

- arithmetic, algebra, geometry, calculus, or statistics
- physics

Manufactured or Agricultural Goods

- manufacture & distribution of products

Personality

People interested in this work like activities that include **ideas, thinking, and figuring things out.**

They do well at jobs that need:

- **Attention to Detail**
- **Analytical Thinking**
- **Dependability**
- **Initiative**
- **Cooperation**
- **Persistence**

Wages

\$ 37.77
Per Hour
78,546
Per Year

Skills

Basic Skills

- thinking about the pros and cons of different ways to solve a problem
- listening to others, not interrupting, and asking good questions

Problem Solving

- noticing a problem and figuring out the best way to solve it

People and Technology Systems

- thinking about the pros and cons of different options and picking the best one
- figuring out how a system should work and how changes in the future will affect it

Technology

You might use software like this on the job:

Analytical or scientific software

- MAYA Nastran
- The MathWorks MATLAB

Computer aided design CAD software

- Autodesk AutoCAD software
- SolidWorks CAD software

Development environment software

- Ladder Logic
- Microsoft Visual Basic

Abilities

Math

- choose the right type of math to solve a problem
- add, subtract, multiply, or divide

Ideas & Logic

- order or arrange things
- use rules to solve problems

Verbal

- read & understand what is written
- listen & understand what people say

Visual Understanding

- quickly compare groups of letters, numbers, pictures, or other things

Education



Bachelor's
Degree

Job Outlook

48 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation

Chemists



Science, Technology,
Engineering and Mathematics

Also called: Analytical Chemist, Chemist, **On the job, you would:**

Forensic Scientist, Research Chemist

What they do:

Conduct qualitative and quantitative chemical analyses or experiments in laboratories for quality or process control or to develop new products or knowledge.

- Analyze organic or inorganic compounds to determine chemical or physical properties, composition, structure, relationships, or reactions, using chromatography, spectroscopy, or spectrophotometry techniques.
- Conduct quality control tests.
- Maintain laboratory instruments to ensure proper working order and troubleshoot malfunctions when needed.

Knowledge

Engineering & Technology

- computers and electronics
- product and service development

Math & Science

- chemistry
- arithmetic, algebra, geometry, calculus, or statistics

Manufactured or Agricultural Goods

- manufacture and distribution of products

Personality

People interested in this work like activities that include **ideas, thinking**, and figuring things out.

They do well at jobs that need:

- **Dependability**
- **Attention to Detail**
- **Integrity**
- **Cooperation**
- **Analytical Thinking**
- **Adaptability/Flexibility**

Wages

\$ 30.84
Per Hour
64,155
Per Year

Skills

Basic Skills

- using scientific rules and strategies to solve problems
- reading work related information

Problem Solving

- noticing a problem and figuring out the best way to solve it

People and Technology Systems

- measuring how well a system is working and how to improve it
- figuring out how a system should work and how changes in the future will affect it

Technology

You might use software like this on the job:

Database user interface & query software

- ChemSW Buffer Maker
- LabTrack Electronic Lab Notebook

Analytical or scientific software

- Agilent ChemStation
- Waters Empower Chromatography Data Software

Graphics software

- Digital imaging software
- Graphics software

Abilities

Ideas & Logic

- make general rules or come up with answers from lots of detailed information
- use rules to solve problems

Verbal

- listen & understand what people say
- read and understand what is written

Math

- add, subtract, multiply, or divide
- choose the right type of math to solve a problem

Hand and Finger Use

- put together small parts

Education



Bachelor's
degree

Job Outlook

19 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation

Produced by the Nebraska Department of Labor, Office of Labor Market Information
Education and Job Outlook from 2010-2020 Long-term Occupational Projections
Average wages from Occupational Employment Statistics, 4th Quarter 2015
All other information from O*NET online
March 2016



NEBRASKA
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Auxiliary aids and services are available upon
request to individuals with disabilities.

Welders, Cutters, Solderers, & Brazers



Manufacturing

Also called: Fabricator, Welder, Welder-Fitter, Welder/Fabricator

What they do:

Use hand-welding or flame-cutting equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.

On the job, you would:

- Weld components in flat, vertical, or overhead positions.
- Operate safety equipment and use safe work habits.
- Lay out, position, align, and secure parts and assemblies prior to assembly, using straightedges, combination squares, calipers, and rulers.

Knowledge

Manufactured or Agricultural Goods

- manufacture & distribution of products

Engineering & Technology

- design
- mechanical

Business

- management
- customer service

Math & Science

- arithmetic, algebra, geometry, calculus, or statistics

Skills

Basic Skills

- thinking about the pros and cons of different ways to solve a problem
- keeping track of how well people and/or groups are doing in order to make improvements

Problem Solving

- noticing a problem and figuring out the best way to solve it

Abilities

Hand and Finger Use

- keep your arm or hand steady
- hold or move items with your hands

Controlled Movement

- quickly change the controls of a machine, car, truck or boat
- use your arms and/or legs together while sitting, standing, or lying down

Personality

People interested in this work like activities that include **practical, hands-on problems and solutions.** They do well at jobs that need:

- Attention to Detail**
- Dependability**
- Adaptability/Flexibility**
- Independence**
- Innovation**
- Integrity**

Wages

\$ 17.64
Per Hour
36,692
Per Year

Technology

You might use software like this on the job:

Computer aided design CAD software

- EZ Pipe software

Analytical or scientific software

- Scientific Software Group Filter Drain FD

Database user interface and query software

- Recordkeeping software

Education



Postsecondary non-degree award

Job Outlook

153 Annual Openings

H³ High Wage, Skill, Demand Occupation

Chemical Equipment Operators & Tenders



Also called: Chemical Operator, Operator, Production Operator, Production Technician

What they do:

Operate or tend equipment to control chemical changes or reactions in the processing of industrial or consumer products. Equipment used includes devulcanizers, steam-jacketed kettles, and reactor vessels.

On the job, you would:

- Observe safety precautions to prevent fires or explosions.
- Record operational data, such as temperatures, pressures, ingredients used, processing times, or test results.
- Control or operate equipment in which chemical changes or reactions take place during the processing of industrial or consumer products.

Knowledge

Engineering & Technology

- mechanical
- computers and electronics

Math & Science

- chemistry
- arithmetic, algebra, geometry, calculus, or statistics

Manufactured or Agricultural Goods

- manufacture and distribution of products

Personality

People interested in this work like activities that include **leading, making decisions,** and business.

They do well at jobs that need:

- Dependability**
- Attention to Detail**
- Integrity**
- Cooperation**
- Adaptability/Flexibility**
- Stress Tolerance**

Wages

\$ 20.52
Per Hour
42,665
Per Year

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- keeping track of how well people and/or groups are doing in order to make improvements

Problem Solving

- noticing a problem and figuring out the best way to solve it

Technology

You might use software like this on the job:

Spreadsheet software

- Microsoft Excel

Electronic mail software

- IBM Lotus Notes

Word Processing software

- Microsoft Word

Abilities

Verbal

- listen & understand what people say
- communicate by speaking

Visual Understanding

- quickly compare groups of letters, numbers, pictures, or other things

Controlled Movement

- quickly change the controls of a machine, car, truck or boat
- use your arms and/or legs together while sitting, standing, or lying down

Hand and Finger Use

- hold or move items with your hands
- keep your arm or hand steady

Education



High school diploma or equivalent +
Moderate-term on-the-job training

Job Outlook

32 Annual Openings
H² High Wage, High Demand Occupation

Automotive Body & Related Repairers



Also called: Auto Body Technician, Body Man, Auto Body Man, Body Technician

What they do:

Repair and refinish automotive vehicle bodies and straighten vehicle frames.

On the job, you would:

- Follow supervisors' instructions as to which parts to restore or replace and how much time the job should take.
- Review damage reports, prepare or review repair cost estimates, and plan work to be performed.
- Sand body areas to be painted and cover bumpers, windows, and trim with masking tape or paper to protect them from the paint.

Knowledge

Engineering & Technology

- mechanical

Arts & Humanities

- English language

Business

- customer service

Manufactured or Agricultural Goods

- manufacture & distribution of products

Personality

People interested in this work like activities that include **practical, hands-on problems and solutions.**

They do well at jobs that need:

- **Attention to Detail**
- **Dependability**
- **Persistence**
- **Achievement/Effort**
- **Cooperation**
- **Initiative**

Wages

\$ 19.24
Per Hour
40,026
Per Year

Skills

Basic Skills

- keeping track of how well people and/or groups are doing in order to make improvements
- listening to others, not interrupting, and asking good questions

Problem Solving

- noticing a problem and figuring out the best way to solve it

Technology

You might use software like this on the job:

Accounting software

- Accounts receivable software

Database user interface and query software

- AutoZone ALLDATA
- Equipment management information software

Inventory management software

- Materials management software

Abilities

Hand & Finger Use

- hold or move items with your hands
- keep your arm or hand steady

Ideas & Logic

- order or arrange things
- group things in different ways

Education



High school diploma or equivalent + Moderate-term on-the-job training

Job Outlook

32 Annual Openings

H² High Wage, High Demand Occupation

Bus/Truck Mechanics & Diesel Engine Specialists



Transportation,
Distribution and Logistics

Also called: Bus Mechanic, Diesel Mechanic, Diesel Technician, Mechanic

What they do:

Diagnose, adjust, repair, or overhaul buses & trucks, or maintain & repair any type of diesel engines. Includes mechanics working primarily with automobile or marine diesel engines.

On the job, you would:

- Inspect brake systems, steering mechanisms, wheel bearings, & other important parts to ensure that they are in proper operating condition.
- Use handtools such as screwdrivers, pliers, wrenches, pressure gauges, & precision instruments, as well as power tools such as pneumatic wrenches, lathes, welding equipment, & jacks & hoists.
- Adjust & reline brakes, align wheels, tighten bolts & screws, & reassemble equipment.

Knowledge

Engineering & Technology

- product & service development
- mechanical

Transportation

- movement of people or goods by air, rail, sea, or road

Business

- customer service
- management

Safety & Government

- public safety and security

Personality

People interested in this work like activities that include **practical, hands-on problems and solutions.**

They do well at jobs that need:

- **Attention to Detail**
- **Analytical Thinking**
- **Dependability**
- **Adaptability/Flexibility**
- **Stress Tolerance**
- **Integrity**

Wages

\$ 20.12
Per Hour
41,847
Per Year

Skills

Basic Skills

- thinking about the pros and cons of different ways to solve a problem
- talking to others

Problem Solving

- noticing a problem and figuring out the best way to solve it

Technology

You might use software like this on the job:

Spreadsheet software

- Microsoft Excel

Facilities management software

- Shop management software

Office suite software

- Microsoft Office software

Abilities

Hand and Finger Use

- hold or move items with your hands
- put together small parts with your fingers

Ideas & Logic

- notice when problems happen
- use rules to solve problems

Controlled Movement

- quickly change the controls of a machine, car, truck or boat
- use your arms and/or legs together while sitting, standing, or lying down

Hearing and Speech

- tell the difference between sounds

Education



Bachelor's
Degree

Job Outlook

78 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation

Secondary School Teachers



Also called: Teacher, English Teacher, Math Teacher (Mathematics Teacher), Social Studies Teacher

What they do:

Teach students in one or more subjects, such as English, mathematics, or social studies at the secondary level in public or private schools. May be designated according to subject matter specialty.

On the job, you would:

- Establish and enforce rules for behavior and procedures for maintaining order among students.
- Instruct through lectures, discussions, and demonstrations in one or more subjects, such as English, mathematics, or social studies.
- Adapt teaching methods and instructional materials to meet students' varying needs and interests.

Knowledge

Education & Training

- teaching and course design

Arts & Humanities

- English language

Math & Science

- psychology
- arithmetic, algebra, geometry, calculus, or statistics

Engineering & Technology

- computers & electronics

Personality

People interested in this work like activities that include

helping people, teaching, & talking.

They do well at jobs that need:

- Integrity
- Dependability
- Self Control
- Leadership
- Stress Tolerance
- Adaptability/Flexibility

Wages

\$52,337
Per Year

Skills

Basic Skills

- using the best training or teaching strategies for learning new things
- talking to others

Social

- teaching people how to do something
- changing what is done based on other people's actions

Problem Solving

- noticing a problem and figuring out the best way to solve it

Technology

You might use software like this on the job:

Internet browser software

- Web browser software

Spreadsheet software

- Microsoft Excel

Electronic mail software

- Email software

Abilities

Verbal

- communicate by speaking
- listen and understand what people say

Ideas & Logic

- use rules to solve problems
- notice when problems happen

Attention

- pay attention to something without being distracted

Education



Bachelor's
Degree

Job Outlook

286 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation

Middle School Teachers



Also called: Teacher, Math Teacher (Mathematics Teacher), Science Teacher, Language Arts Teacher

What they do:

Teach students in one or more subjects in public or private schools at the middle, intermediate, or junior high level, which falls between elementary and senior high school as defined by applicable laws and regulations.

On the job, you would:

- Adapt teaching methods and instructional materials to meet students' varying needs and interests.
- Establish and enforce rules for behavior and procedures for maintaining order among students.
- Confer with parents or guardians, other teachers, counselors, and administrators to resolve students' behavioral and academic problems.

Knowledge

Arts & Humanities

- English language

Education & Training

- teaching and course design

Engineering & Technology

- computers & electronics

Math & Science

- arithmetic, algebra, geometry, calculus, or statistics

Skills

Basic Skills

- talking to others
- listening to others, not interrupting, and asking good questions

Problem Solving

- noticing a problem and figuring out the best way to solve it

Social

- teaching people how to do something
- understanding people's reactions

Abilities

Verbal

- communicate by speaking
- communicate by writing

Ideas & Logic

- notice when problems happen
- order or arrange things

Memory

- remember words, numbers, pictures, or steps

Attention

- pay attention to something without being distracted

Personality

People interested in this work like activities that include

helping people, teaching, & talking.

They do well at jobs that need:

- **Adaptability/Flexibility**
- **Concern for Others**
- **Cooperation**
- **Dependability**
- **Integrity**
- **Attention to Detail**

Wages

\$52,633
Per Year

Technology

You might use software like this on the job:

Electronic mail software

- Email software
- Microsoft Outlook

Spreadsheet software

- Microsoft Excel

Graphics or photo imaging software

- Video editing software

Education



Bachelor's Degree

Job Outlook

112 Annual Openings

H3 High Wage, Skill, Demand Occupation

Elementary School Teachers



Education
and Training

Also called: Teacher, Elementary Teacher, Classroom Teacher, Kindergarten Teacher

What they do:

Teach students basic academic, social, and other formative skills in public or private schools at the elementary level.

On the job, you would:

- Instruct students individually and in groups, using various teaching methods such as lectures, discussions, and demonstrations.
- Adapt teaching methods and instructional materials to meet students' varying needs and interests.
- Establish clear objectives for all lessons, units, and projects and communicate those objectives to students.

Knowledge

Arts & Humanities

- English language
- philosophy & religion

Education & Training

- teaching and course design

Math & Science

- psychology
- arithmetic, algebra, geometry, calculus, or statistics

Engineering & Technology

- computers & electronics

Personality

People interested in this work like activities that include

helping people, teaching, & talking.

They do well at jobs that need:

- **Cooperation**
- **Self Control**
- **Concern for Others**
- **Dependability**
- **Stress Tolerance**
- **Adaptability/Flexibility**

Wages

\$50,967
Per Year

Skills

Basic Skills

- talking to others
- using the best training or teaching strategies for learning new things

Social

- teaching people how to do something
- understanding people's reactions

People & Technology Systems

- thinking about the pros and cons of different options and picking the best one
- figuring out how a system should work and how changes in the future will affect it

Technology

You might use software like this on the job:

Electronic mail software

- Email software
- Microsoft Outlook

Spreadsheet software

- Microsoft Excel

Graphics or photo imaging software

- Graphics software

Abilities

Verbal

- communicate by speaking
- listen and understand what people say

Ideas & Logic

- notice when problems happen
- come up with lots of ideas

Attention

- do two or more things at the same time
- pay attention to something without being distracted

Memory

- remember words, numbers, pictures, or steps

Education



Bachelor's
Degree

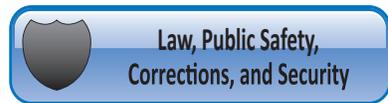
Job Outlook

311 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation



Lawyers



Also called: Attorney, Associate Attorney, Lawyer, Associate

What they do:

Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, or manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law.

On the job, you would:

- Represent clients in court or before government agencies.
- Present evidence to defend clients or prosecute defendants in criminal or civil litigation.
- Select jurors, argue motions, meet with judges and question witnesses during the course of a trial.

Knowledge

Safety and Government

- law and government

Arts and Humanities

- English language

Business

- customer service
- management

Engineering and Technology

- computers and electronic

Personality

People interested in this work like activities that include **leading, making decisions,** and business.

They do well at jobs that need:

- **Integrity**
- **Analytical Thinking**
- **Attention to Detail**
- **Dependability**
- **Stress Tolerance**
- **Achievement/Effort**

Wages

\$ 46.31
Per Hour
96,328
Per Year

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- talking to others

Problem Solving

- noticing a problem and figuring out the best way to solve it

People and Technology Systems

- thinking about the pros and cons of different options and picking the best one
- figuring out how a system should work and how changes in the future will affect it

Technology

You might use software like this on the job:

Database user interface and query software

- Abacus Data Systems AbacusLaw
- AdvantageLaw WinVantage

Document management software

- Adobe Systems Adobe Acrobat software
- LexisNexis HotDocs

Accounting software

- BQE Software BillQuick
- ESI Software ESILAW

Abilities

Verbal

- communicate by speaking
- listen and understand what people say

Ideas and Logic

- make general rules or come up with answers from lots of detailed information
- notice when problems happen

Attention

- pay attention to something without being distracted
- do two or more things at the same time

Education



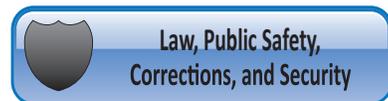
Doctoral or professional degree

Job Outlook

102 Annual Openings

H³ High Wage, Skill, Demand Occupation

Police & Sheriff's Patrol Officers



Also called: Patrol Officer, Patrolman, Police Officer, Police Sergeant, Deputy, Deputy Sheriff

What they do:

Patrol assigned area to enforce law & order, regulate traffic, control crowds, prevent crime, & arrest violators or serve legal processes of courts. May patrol courthouse, guard court or grand jury, or escort defendants.

On the job, you would:

- Provide for public safety by maintaining order, responding to emergencies, protecting people & property, enforcing motor vehicle & criminal laws, & promoting good community relations.
- Record facts to prepare reports that document incidents and activities.
- Monitor, note, report, & investigate suspicious persons & situations, safety hazards, & unusual or illegal activity in patrol area.

Knowledge

Safety & Government

- law & government
- public safety & security

Business

- customer service

Math & Science

- psychology
- sociology & anthropology

Personality

People interested in this work like activities that include **practical, hands-on** problems and solutions.

They do well at jobs that need:

- **Integrity**
- **Self Control**
- **Attention to Detail**
- **Dependability**
- **Stress Tolerance**
- **Cooperation**

Wages

\$ 25.95
Per Hour
53,985
Per Year

Skills

Basic Skills

- listening to others, not interrupting, & asking good questions
- talking to others

Problem Solving

- noticing a problem & figuring out the best way to solve it

Social

- understanding people's reactions
- bringing people together to solve differences

Technology

You might use software like this on the job:

Database user interface and query software

- Integrated Automated Fingerprint Identification System IAFIS
- National Crime Information Center NCIC database

Graphics or photo imaging software

- Computer aided composite drawing
- DesignWare 3D EyeWitness

Spreadsheet Software

- IBM Lotus 1-2-3

Abilities

Verbal

- communicate by speaking
- listen & understand what people say

Ideas and Logic

- make general rules or come up with answers from lots of detailed information
- notice when problems happen

Visual Understanding

- see hidden patterns

Attention

- pay attention to something without being distracted
- do two or more things at the same time

Education



High school diploma or equivalent + Moderate-term on-the job training

Job Outlook

109 Annual Openings

H² High Wage, Demand Occupation

Hairdressers, Hairstylists, & Cosmetologists



Also called: Cosmetologist, Hairstylist, Hair Stylist, Hairdresser

What they do:

Provide beauty services, such as shampooing, cutting, coloring, and styling hair, and massaging and treating scalp. May apply makeup, dress wigs, perform hair removal, and provide nail and skin care services.

On the job, you would:

- Keep work stations clean and sanitize tools such as scissors and combs.
- Cut, trim and shape hair or hairpieces, based on customers' instructions, hair type and facial features, using clippers, scissors, trimmers and razors.
- Analyze patrons' hair and other physical features to determine and recommend beauty treatment or suggest hair styles.

Knowledge

Business

- customer service

Arts & Humanities

- English language

Math & Science

- chemistry

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- talking to others

Problem Solving

- noticing a problem and figuring out the best way to solve it

Social

- looking for ways to help people
- understanding people's reactions

Abilities

Hand and Finger Use

- hold or move items with your hands
- keep your arm or hand steady

Verbal

- listen and understand what people say
- communicate by speaking

Ideas and Logic

- create new and original ideas
- come up with lots of ideas

Attention

- pay attention to something without being distracted

Personality

People interested in this work like activities that include **creating, designing, and making your own rules.**

They do well at jobs that need:

- **Cooperation**
- **Attention to Detail**
- **Integrity**
- **Self Control**
- **Dependability**
- **Innovation**

Technology

You might use software like this on the job:

Spreadsheet software

- Microsoft Excel

Accounting software

- Intuit QuickBooks software

Point of sale POS software

- Sale processing software

Education



Postsecondary non-degree award

Wages

\$ **13.19**
Per Hour
27,425
Per Year

Job Outlook

142 Annual Openings

H² High Skill, High Demand Occupation

Child, Family, & School Social Workers



Also called: Case Manager, Family Service Worker, Foster Care Social Worker, School Social Worker

What they do:

Provide social services & assistance to improve the social & psychological functioning of children & their families & to maximize the family well-being & the academic functioning of children. May assist parents, arrange adoptions, & find foster homes for abandoned or abused children. In schools, they address such problems as teenage pregnancy, misbehavior, & truancy. May also advise teachers.

On the job, you would:

- Counsel individuals, groups, families, or communities regarding issues including mental health, poverty, unemployment, substance abuse, physical abuse, rehabilitation, social adjustment, child care, or medical care.
- Interview clients individually, in families, or in groups, assessing their situations, capabilities, & problems to determine what services are required to meet their needs.
- Serve as liaisons between students, homes, schools, family services, child guidance clinics, courts, protective services, doctors, and other contacts to help children who face problems, such as disabilities, abuse, or poverty.

Knowledge

Health

- therapy and counseling

Business

- customer service

Math & Science

- psychology
- sociology and anthropology

Personality

People interested in this work like activities that include **helping people, teaching, and talking.**

They do well at jobs that need:

- Adaptability/Flexibility**
- Self Control**
- Cooperation**
- Concern for Others**
- Dependability**
- Stress Tolerance**

Wages

\$ 19.16
Per Hour
39,852
Per Year

Skills

Basic Skills

- listening to others, not interrupting, & asking good questions
- talking to others

Social

- understanding people's reactions
- looking for ways to help people

Problem Solving

- noticing a problem & figuring out the best way to solve it

Technology

You might use software like this on the job:

Medical software

- Patient electronic medical record EMR software

Spreadsheet software

- Microsoft Excel

Database user interface and query software

- Microsoft Access
- Student information systems

Abilities

Verbal

- communicate by speaking
- listen & understand what people say

Ideas & Logic

- notice when problems happen
- make general rules or come up with answers from lots of detailed information

Attention

- pay attention to something without being distracted
- do two or more things at the same time

Education



Bachelor's
Degree

Job Outlook

84 Annual
Openings
H³ High Wage,
Skill, Demand
Occupation

Registered Nurses



Also called: Charge Nurse, Director of Nursing (DON), Registered Nurse (RN), Staff Nurse

What they do:

Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required.

On the job, you would:

- Maintain accurate, detailed reports and records.
- Administer medications to patients and monitor patients for reactions or side effects.
- Record patients' medical information and vital signs.

Knowledge

Health

- medicine and dentistry
- therapy and counseling

Business

- customer service

Math & Science

- psychology
- arithmetic, algebra, geometry, calculus, or statistics

Arts & Humanities

- English language

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- talking to others

Social

- understanding people's reactions
- looking for ways to help people

Problem Solving

- noticing a problem and figuring out the best way to solve it

Abilities

Verbal

- communicate by speaking
- listen & understand what people say

Ideas & Logic

- notice when problems happen
- make general rules or come up with answers from lots of detailed information

Attention

- pay attention to something without being distracted
- do two or more things at the same time

Visual Understanding

- quickly compare groups of letters, numbers, pictures, or other things

Personality

People interested in this work like activities that include

helping people, teaching, & talking.

They do well at jobs that need:

- **Attention to Detail**
- **Integrity**
- **Cooperation**
- **Concern for Others**
- **Dependability**
- **Stress Tolerance**

Technology

You might use software like this on the job:

Medical software

- Epic software
- QuadraMed Affinity Healthcare Information System

Spreadsheet software

- Microsoft Excel

Office suite software

- Microsoft Office software

Education



Associate's Degree

Job Outlook

702 Annual Openings

H³ High Wage, Skill, Demand Occupation

Wages

\$ 28.47
Per Hour
59,199
Per Year

Radiologic Technologists



Also called: Mammographer, Radiologic Technologist (RT), Radiological Technologist, X-Ray Technologist (X-Ray Tech)

What they do:

Take x-rays & CAT scans or administer nonradioactive materials into patient's blood stream for diagnostic purposes. Includes technologists who specialize in other scanning modalities.

On the job, you would:

- Review & evaluate developed x-rays, video tape, or computer-generated information to determine if images are satisfactory for diagnostic purposes.
- Operate or oversee operation of radiologic or magnetic imaging equipment to produce images of the body for diagnostic purposes
- Use radiation safety measures & protection devices to comply with government regulations & to ensure safety of patients & staff.

Knowledge

Health

- medicine and dentistry

Business

- customer service
- administrative services

Arts and Humanities

- English language

Engineering and Technology

- computers and electronics

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- talking to others

Problem Solving

- noticing a problem and figuring out the best way to solve it

Abilities

Verbal

- communicate by speaking
- listen & understand what people say

Ideas & Logic

- notice when problems happen
- make general rules or come up with answers from lots of detailed information

Hand and Finger Use

- keep your arm or hand steady
- put together small parts with your fingers

Personality

People interested in this work like activities that include **practical, hands-on** problems and solutions.

They do well at jobs that need:

- **Attention to Detail**
- **Integrity**
- **Cooperation**
- **Self Control**
- **Dependability**
- **Concern for Others**

Wages

\$ 24.89
Per Hour
51,772
Per Year

Technology

You might use software like this on the job:

Medical software

- Digital Imaging Communications in Medicine DICOM software/modality management software
- Electronic medical record EMR software

Categorization or classification software

- Diagnostic and procedural coding software

Education



Associate's Degree

Job Outlook

52 Annual Openings

H³ High Wage, Skill, Demand Occupation

Veterinary Technologists & Technicians



Also called: Certified Veterinary Technician (CVT), Licensed Veterinary Technician (LVT), Registered Veterinary Technician (RVT), Veterinary Technician (Vet Tech)

What they do:

Perform medical tests in a laboratory environment for use in the treatment and diagnosis of diseases in animals. Prepare vaccines and serums for prevention of diseases. Prepare tissue samples, take blood samples, and execute laboratory tests, such as urinalysis and blood counts. Clean and sterilize instruments and materials and maintain equipment and machines. May assist a veterinarian during surgery.

On the job, you would:

- Care for and monitor the condition of animals recovering from surgery.
- Maintain controlled drug inventory and related log books.
- Administer anesthesia to animals, under the direction of a veterinarian, and monitor animals' responses to anesthetics so that dosages can be adjusted.

Knowledge

Health

- medicine and dentistry

Business

- customer service
- administrative services

Math & Science

- biology
- arithmetic, algebra, geometry, calculus, or statistics

Personality

People interested in this work like activities that include **practical, hands-on problems and solutions.**

They do well at jobs that need:

- **Attention to Detail**
- **Integrity**
- **Cooperation**
- **Self Control**
- **Dependability**
- **Stress Tolerance**

Wages

\$ 14.21
Per Hour
29,546
Per Year

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions
- Thinking about the pros and cons of different ways to solve a problem

Problem Solving

- noticing a problem and figuring out the best way to solve it

Technology

You might use software like this on the job:

Medical software

- Animal Intelligence Software
- McAllister Software Systems AVImark

Database user interface and query software

- FileMaker Pro software
- Microsoft Access

Spreadsheet software

- Microsoft Excel

Abilities

Verbal

- communicate by speaking
- listen & understand what people say

Ideas & Logic

- notice when problems happen
- use rules to solve problems

Attention

- do two or more things at the same time

Hand and Finger Use

- put together small parts with your fingers
- hold or move items with your hands

Education



Associate's
Degree

Job Outlook

24 Annual
Openings

H² High Skill,
High Demand
Occupation

Accountants & Auditors



Finance

Also called: Accounting Manager, Certified Public Accountant (CPA), General Accountant, Assurance Manager, Financial Auditor

What they do:

Analyze and examine financial information and prepare financial reports to determine or maintain record of assets, liabilities, profit and loss, tax liability, operation procedures, or other financial activities within an organization.

On the job, you would:

- Prepare, examine, or analyze accounting records, financial statements, or other financial reports to assess accuracy, completeness, and/or conformance to reporting and procedural standards.
- Report to management regarding the finances of establishment
- Inspect account books and accounting systems, detect fraud and non-compliance with laws and regulations

Knowledge

Economics & Accounting

- banking, financial markets
- analysis of financial data

Mathematics

- arithmetic, algebra, geometry, calculus, and statistics

Arts & Humanities

- English language

Clerical

- administrative and clerical procedures and systems

Personality

People interested in this work like activities that include **data, detail, and regular routines.**

They do well at jobs that need:

- **Dependability**
- **Attention to Detail**
- **Integrity**
- **Analytical Thinking**
- **Achievement/Effort**
- **Cooperation**

Wages

\$ 32.82
Per Hour
68,265
Per Year

Skills

Basic Skills

- listening to others, not interrupting, and asking good questions

Mathematics

- using mathematics to solve problems

Reading Comprehension

- understanding written sentences and paragraphs in work documents

Writing

- communicating effectively in writing

Critical Thinking

- using logic and reasoning to solve problems

Technology

You might use software like this on the job:

Accounting Software

- ATX Total Accounting Office
- Intuit QuickBooks software

Tax preparation software

- ATX Total Tax Office
- CCH ProSystem fx TAX

Compliance Software

- Intrax ProcedureNet
- Paisley Cardmap

Financial Analysis software

- Cartesis Magnitude iAnalysis

Abilities

Mathematical Reasoning

- ability to choose the right methods or formulas to solve problem

Ideas & Logic

- ability to form conclusions
- ability to apply general rules
- notice when problems happen

Visual Understanding

- quickly compare groups of letters, numbers or other items

Attention

- pay attention to something without being distracted

Education



Bachelor's Degree

Job Outlook

424 Annual Openings

H3 High Wage, Skill, Demand Occupation

Administrative Services Managers



Also called: Administrative Assistant, Administrative Coordinator, Business Administrator, Office Manager

What they do: Plan, direct, or coordinate one or more administrative services of an organization, such as records & information management, mail distribution, facilities planning & maintenance, & other office support services.

On the job, you would:

- Direct or coordinate the supportive services department of a business, agency, or organization.
- Prepare & review operational reports & schedules to ensure accuracy & efficiency.
- Set goals & deadlines for the department.
- Analyze internal processes & recommend & implement procedural or policy changes to improve operations, such as supply changes or the disposal of records.

Knowledge

Clerical

- administrative & clerical procedures & systems

Customer Service

- customer needs assessment
- meeting quality standards

Business

- Business management & principles

Arts & Humanities

- English language

Personality

People interested in this work like activities that include **leading, making decisions, and business.**

They do well at jobs that need:

- **Dependability**
- **Attention to Detail**
- **Integrity**
- **Independence**
- **Cooperation**
- **Initiative**

Wages

\$ 42.45
Per Hour
88,302
Per Year

Skills

Basic Skills

- talking to others to convey information effectively
- active listening

Social

- changing what is done based on other people's actions
- bringing people together to solve differences

Problem Solving

- noticing a problem & figuring out the best way to solve it

Time Management

- managing one's own time & the time of others

Technology

You might use software like this on the job:

Electronic Mail Software

- Microsoft Outlook
- Novell GroupWise

Accounting Software

- Intuit QuickBooks software
- Sage Peachtree software

Enterprise resource planning

ERP software

- Microsoft Dynamics GP
- Oracle PeopleSoft

Abilities

Verbal Communication

- ability to listen & understand information through spoken words & sentences
- ability to communicate by speaking

Written Communication

- ability to understand information & ideas in writing
- ability to communicate effectively in writing

Ideas & Logic

- notice when problems happen
- make general rules from detailed information

Education



Bachelor's Degree
+ less than 5 years
work experience

Job Outlook

54 Annual
Openings
H3 High Wage,
Skill, Demand
Occupation

Chefs & Head Cooks



Hospitality and
Tourism

Also called: Banquet Chef, Certified Executive Chef, Cook, Executive Chef, Head Cook, Line Cook

What they do:

Direct and may participate in the preparation, seasoning, and cooking of salads, soups, fish, meats, vegetables, desserts, or other foods. May plan and price menu items, order supplies, and keep records and accounts.

On the job, you would:

- Check the quality of raw or cooked food products to ensure that standards are met
- Instruct cooks or other workers in the preparation, cooking, garnishing, or presentation of food.
- Supervise or coordinate activities of cooks or workers engaged in food preparation
- Monitor sanitation practices to ensure that employees follow standards and regulations

Knowledge

Manufactured or Agricultural Goods

- food production
- manufacture and distribution of products

Business

- customer service
- management

Education and Training

- teaching and course design

Personality

People interested in this work like activities that include **leading, making decisions, and business.**

They do well at jobs that need:

- **Dependability**
- **Attention to Detail**
- **Adaptability/Flexibility**
- **Stress Tolerance**
- **Integrity**
- **Initiative**

Wages

\$ 22.52
Per Hour
46,845
Per Year

Skills

Basic Skills

- keeping track of how well people and/or groups are doing in order to make improvements
- talking to others

Social

- changing what is done based on other people's actions
- understanding people's reactions

Resource Management

- managing your time and the time of other people
- selecting and managing the best workers for a job

Technology

You might use software like this on the job:

Database use interface and query software

- Barrington Software CookenPro Commercial
- CostGuard software

Analytical or Scientific Software

- Food Software.com IPro Restaurant Inventory, Recipe & Menu Software
- GNOME Gnutrition

Spreadsheet Software

- Microsoft Excel

Abilities

Verbal Communication

- ability to listen and understand
- ability to communicate by speaking

Ideas & Logic

- notice when problems happen
- use rules to solve problems

Math

- add, subtract, multiply, or divide
- choose the right type of math to solve a problem

Hand & Finger Use

- hold or move items with your hands

Education



High school diploma or equivalent + 5 or more years work experience

Job Outlook

13 Annual Openings
H² High Wage, Demand Occupation

Camera Operators, Television, Video, & Motion Picture



Also called: Camera Operator, Photojournalist, Production Assistant, Television News Photographer

What they do:

Operate television, video, or motion picture camera to record images or scenes for various purposes, such as TV broadcasts, advertising, video production, or motion pictures.

On the job, you would:

- Operate television or motion picture cameras to record scenes for television broadcasts, advertising, or motion pictures.
- Compose & frame each shot, applying the technical aspects of light, lenses, film, filters, & camera settings to achieve the effects sought by directors.
- Edit video for broadcast productions, including non-linear editing.

Knowledge

Engineering & Technology

- computers and electronics
- product and service development

Communications

- multimedia
- telecommunications

Arts & Humanities

- English language

Skills

Basic Skills

- talking to others
- listening to others, not interrupting, and asking good questions

Problem Solving

- noticing a problem and figuring out the best way to solve it

Abilities

Ideas & Logic

- notice when problems happen
- create new and original ideas

Verbal

- communicate by speaking
- listen & understand what people say

Hand & Finger Use

- hold or move items with your hands
- keep your arm or hand steady

Spatial

- imagine how something will look after it is moved around or changed

Personality

People interested in this work like activities that include **creating, designing, and making your own rules.**

They do well at jobs that need:

- **Attention to Detail**
- **Adaptability/Flexibility**
- **Dependability**
- **Innovation**
- **Cooperation**
- **Stress Tolerance**

Technology

You might use software like this on the job:

Video creation & editing software

- Adobe Systems Adobe Premiere Pro software
- Apple Final Cut Pro

Graphics or photo imaging software

- Adobe Systems Adobe After Effects
- Adobe Systems Adobe Illustrator

Electronic mail software

- Email software

Education



Bachelor's Degree

Wages

\$ 19.58
Per Hour
40,718
Per Year

Job Outlook

O Annual Openings
H² High Wage, High Skill, Occupation

Film & Video Editors



Also called: Editor, News Editor, Video Editor, Videographer

What they do:

Edit moving images on film, video, or other media. May edit or synchronize soundtracks with images.

On the job, you would:

- Organize and string together raw footage into a continuous whole according to scripts or the instructions of directors and producers.
- Review assembled films or edited videotapes on screens or monitors to determine if corrections are necessary.
- Trim film segments to specified lengths and reassemble segments in sequences that present stories with maximum effect.

Knowledge

Engineering & Technology

- computers and electronics

Communications

- multimedia

Manufactured or Agricultural Goods

- manufacture & distribution of products

Arts & Humanities

- English language

Skills

Basic Skills

- reading work related information
- listening to others, not interrupting, and asking good questions

Problem Solving

- noticing a problem and figuring out the best way to solve it

Abilities

Ideas & Logic

- order or arrange things
- come up with lots of ideas

Verbal

- read & understand what is written
- listen & understand what people say

Attention

- pay attention to something without being distracted

Personality

People interested in this work like activities that include **creating, designing, and making your own rules.**

They do well at jobs that need:

- **Attention to Detail**
- **Adaptability/Flexibility**
- **Dependability**
- **Initiative**
- **Cooperation**
- **Stress Tolerance**

Wages

\$ 24.58
Per Hour
51,130
Per Year

Technology

You might use software like this on the job:

Video creation & editing software

- Adobe Systems Adobe Premiere Pro software
- Apple Final Cut Pro

Web platform development software

- Asynchronous JavaScript and XML AJAX
- Hypertext markup language HTML

Graphics or photo imaging software

- Adobe Systems Adobe After Effects
- Adobe Systems Adobe Illustrator

Education



Bachelor's Degree

Job Outlook

1 Annual Opening
H² High Wage, High Skill, Occupation

Web Developers



Information
Technology

Also called: Web Designer, Web Developer, Webmaster

What they do:

Design, create, & modify Web sites. Analyze user needs to implement Web site content, graphics, performance, & capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, & video components to compatible Web formats by using software designed to facilitate the creation of Web & multimedia content.

On the job, you would:

- Design, build, or maintain Web sites, using authoring or scripting languages, content creation tools, management tools, and digital media.
- Perform or direct Web site updates.
- Write, design, or edit Web page content, or direct others producing content.

Knowledge

Engineering & Technology

- computers and electronics
- design

Communications

- multimedia

Business

- customer service

Arts & Humanities

- English language

Skills

Basic Skills

- thinking about the pros & cons of different ways to solve a problem
- listening to others, not interrupting, & asking good questions

Problem Solving

- noticing a problem & figuring out the best way to solve it

People & Technology Systems

- thinking about pros/cons of different options & picking the best
- figuring out how a system should work & future changes will affect it

Abilities

Ideas & Logic

- use rules to solve problems
- notice when problems happen

Verbal

- read & understand what is written
- listen & understand what people say

Visual Understanding

- quickly compare groups of letters, numbers, pictures, or other things
- see hidden patterns

Personality

People interested in this work like activities that include **creating, designing, and making your own rules.**

They do well at jobs that need:

- **Attention to Detail**
- **Adaptability/Flexibility**
- **Dependability**
- **Initiative**
- **Integrity**
- **Analytical Thinking**

Wages

\$ 28.47
Per Hour
59,204
Per Year

Technology

You might use software like this on the job:

Development environment software

- C
- Microsoft Visual Basic

Web platform development software

- JavaScript
- Ruby on Rails

Object or component oriented development software

- C++
- Python

Education



Associate's
Degree

Job Outlook

46 Annual
Openings

H3 High Wage,
Skill, Demand
Occupation