

Know what job you want to do? Type in a job title, such as “carpenter” or a word or two describing a career like “computer programming” and view the knowledges, skills, abilities, and other characteristics of the career that interests you most. (See back page for an example career report for electricians.)

Have an idea of what industry you want to work in? Look at careers grouped by industry, such as retail, manufacturing, or education, and see if you find the career you want!

Want to use your military training to find a civilian job? Select your branch of military service. Enter the military code or title and find matching civilian careers.

Four more ways to search careers:

Bright Outlook careers have lots of job openings now or will in the near future or are new and emerging.

Interest Browse lets you browse careers by six primary interest areas. Read a brief description of each interest and then explore related careers.

Apprenticeship programs are available for over 300 careers. Find information on these careers here.

Job Prep groups together careers that need the same level of experience, education, and training.

Want to find a career based on your interests and education? Answer some questions about what you like to do using the **O*NET Interest Profiler**. You will get a list of careers matching your interests and education that you can explore.

My Next Move for Veterans (www.mynextmove.org/vets) is a Web site created by the National Center for O*NET Development for the U.S. Department of Labor, Employment and Training Administration for U.S. veterans who are current job seekers. The interactive tool helps vets learn about their career options. The site has tasks, skills, salary information, job listings, and more for over 900 different careers. Veterans can find careers through keyword search; by browsing industries that employ different types of workers; or by discovering civilian careers that are similar to their job in the military. Veterans can also take advantage of the O*NET Interest Profiler, a tool that offers personalized career suggestions based on a person’s interests and level of work experience.

Electricians

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

In the military: see titles from the [Air Force](#), [Army](#), [Coast Guard](#), [Marine Corps](#), or [Navy](#).

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 and Technology

- building and construction
- mechanical

Math and Science

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

Arts and Humanities

- English language

Safety and Government

- public safety and security

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

ABILITIES

Hand and Finger Use

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

Ideas and Logic

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

Verbal

- listen and understand what people say
- communicate by speaking

Visual Understanding

- see hidden patterns

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

TECHNOLOGY

You might use software like this on the job:

Analytical or scientific software

- Construction Master Pro
- Electrosoft FlashWorks

Data base user interface and query software

- Insight Direct ServiceCEO
- Resolve Systems Service Management

Word processing software

- Microsoft Word
- Socrates Contractor's Library

EDUCATION



certificate after high school or high school diploma/GED usually needed

Get started on your career:

- Find Training Find Certifications



JOB OUTLOOK



New job opportunities are **very likely** in the future.

SALARY: **\$52,720** per year, on average



Check out my state.

Local Salary Info

Find Jobs

EXPLORE MORE

- [Elevator Installers & Repairers](#)
- [Heating & Air Conditioning Mechanics & Installers](#)
- [Mobile Heavy Equipment Mechanics](#)
- [Pipe Fitters & Steamfitters](#)
- [Refrigeration Mechanics & Installers](#)

You might like a career in one of these industries:

- [Construction](#)

See more details at [O*NET OnLine](#) about electricians.

Read the career description and a sample of the most important tasks performed by electricians.

See the top Knowledges, Skills, and Abilities for the career

Consider the personality of people in this career. Also, see some of the software they may be using.

Links to more information

Education – Find training or apprenticeship programs.

Job Outlook – View salaries, expected growth, or follow the Find Jobs link to state and national job postings.

Explore More – Look at careers with similar skills as electricians. Or browse through careers in the same industry.

O*NET OnLine (onetonline.org) provides detailed descriptions and more ways to search careers.