



EXPLORE: YOUR NEXT MOVE



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O*NET Interest Profiler

Welcome to the O*NET Interest Profiler!

The **O*NET Interest Profiler** can help you find out what your interests are and how they relate to the world of work. You can find out what you like to do.

The **O*NET Interest Profiler** helps you decide what kinds of careers you might want to explore.

On each screen, click the **Next** button at the bottom to continue. You can use the **Back** button at the bottom to re-read the instructions or change your answers.

User Agreement Proper Use

Taken the Interest Profiler before?

Start Interests Results Job Zones Careers **Next**

Find a career direction using the **Interest Profiler** tool from the U.S. Dept. of Labor at mynextmove.org/explore/ip

START INTEREST PROFILER

- 1. INTERESTS** — Answer 60 easy questions.
- 2. RESULTS** — Print out your Interest Profiler results.
- 3. JOB ZONES** — Select the level of education/training you prefer.
- 4. CAREERS** — Review the list of careers that fit your interests and preparation level. Click on ones that interest you to get a detailed Career Profile.

SAMPLE CAREER PROFILE

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Electrical Engineering Technologists

Also called: Design Tech, Engineering Tech, Engineering Technologist, Technologist

What they do: Assist electrical engineers in such activities as process control, electrical power distribution, or instrumentation design. May prepare layouts of electrical transmission or distribution systems, supervise the flow of work, estimate project costs, or participate in research studies.

On the job, you would:

- Diagnose, test, or analyze the performance of electrical components, assemblies, or systems.
- Review electrical engineering plans to ensure adherence to design specifications and compliance with applicable electrical codes and standards.
- Calculate design specifications or cost, material, and resource estimates, and prepare project schedules and budgets.

KNOWLEDGE

- Engineering and Technology**
 - product and service development
 - computers and electronics
- Arts and Humanities**
 - English language
- Math and Science**
 - arithmetic, algebra, geometry, calculus, or statistics
 - physics
- Manufactured or Agricultural Goods**
 - manufacture and distribution of products

SKILLS

- Basic Skills**
 - thinking about the pros and cons of different ways to solve a problem
 - reading work related information
- Problem Solving**
 - noticing a problem and figuring out the best way to solve it
- People and Technology Systems**
 - figuring out how a system should work and how changes in the future will affect it
 - thinking about the pros and cons of different options and picking the best one

ABILITIES

- Ideas and Logic**
 - notice when problems happen
 - use rules to solve problems
- Math**
 - choose the right type of math to solve a problem
 - add, subtract, multiply, or divide
- Verbal**
 - read and understand what is written
 - communicate by writing
- Visual Understanding**
 - quickly compare groups of letters, numbers, pictures, or other things

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
- Initiative
- Integrity

TECHNOLOGY

You might use software like this on the job:

- Analytical or scientific software**
 - PTC Mathcad
 - Wolfram Research Mathematica
- Development environment software**
 - C
 - Motorola Digital Signal Processing DSP Assembler
- Computer aided design CAD software**
 - Autodesk AutoCAD software
 - Bentley Microstation

EDUCATION

bachelor's degree or associate's degree usually needed

Get started on your career:

JOB OUTLOOK

Bright New job opportunities are very likely in the future.

Salary: \$59,440 per year, on average

Green This work is part of the green economy.

EXPLORE MORE

You might like a career in one of these industries:

- Government
- Manufacturing
- Professional, Science, & Technical

See more details at **O*NET Online** about electrical engineering technologists.

Help Explore Careers **O*NET Sites**

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REVIEW the Career Profile that most interests you. Then fill in this information:

JOB TITLE: _____

EDUCATION NEEDED:

Certificate Apprenticeship 2-year Degree 4-year Degree

EDUCATION/TRAINING is available at (input a location): _____

PROGRAM OF STUDY IS _____

JOB OUTLOOK for this career is:

Bright Average Below average

AVERAGE SALARY you might expect to earn: _____

After reviewing the Career Profile, list 3 reasons why this career would be right for you:

- _____
- _____
- _____

If you found several careers that interest you, review and fill out this information sheet for each one. Then compare your results. Use the **Thinking Caps** tool in the Decision lesson to help you make a choice.