

Build your future with O*NET OnLine.

Welcome to your tool for career exploration and job analysis!

O*NET OnLine has detailed descriptions of the world of work for use by job seekers, workforce development and HR professionals, students, researchers, and more!

[What is O*NET?](#)

What's New?

[Learn More](#)

Get O*NET news by [email](#) or [RSS](#).

I want to be a...

Start the career you've dreamed about, or find one you never imagined.

[Find It Now at My Next Move](#)

ATTN: VETERANS

Put your military skills and experience to work in civilian life. Learn how at:

[MY NEXT MOVE FOR VETERANS](#)

[Get Started](#)



Hot Technologies are frequently included in employer job postings.

[Learn More](#)

Occupation Search

[Keyword](#) or [O*NET-SOC Code](#):

Find Occupations

Browse groups of similar occupations to explore careers. Choose from industry, field of work, science area, and more.

Advanced Search

Focus on occupations that use a specific tool or software. Explore occupations that need your skills.

Crosswalks

Connect to a wealth of O*NET data. Enter a code or title from another classification to find the related O*NET-SOC occupation.

[Bright Outlook](#)

[Browse by O*NET Data:](#)

[Military](#)

FIND THE APPRENTICESHIP THAT'S RIGHT FOR YOU [APPRENTICESHIP.GOV](#)



MY NEXT MOVE

What do you want to do for a living?



"I want to be a ..."



Search careers with key words.

Describe your dream career in a few words:

Examples: doctor, build houses

Search

"I'll know it when I see it."



Browse careers by industry.

There are over 900 career options for you to look at. Find yours in one of these industries:

Administration & Support Services

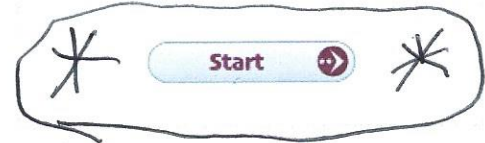
Browse

"I'm not really sure."



Tell us what you like to do.

Answer questions about the type of work you might enjoy. We'll suggest careers that match your interests and training.



Start

Still not sure? Check out careers in these groups:

Bright Outlook

Interests

Job Prep

Are you a veteran looking for work?

[My Next Move for Veterans](#) helps you find a civilian career similar to your military job.

¿Habla español?

[Mi Próximo Paso](#) incluye tareas, aptitudes, información sobre salarios y más de 900 carreras diferentes.

FIND THE APPRENTICESHIP THAT'S RIGHT FOR YOU APPRENTICESHIP.GOV



MY NEXT MOVE

O*NET Interest Profiler



o*net[®] Interest Profiler

[User Agreement](#)
[Proper Use](#)

Taken the Interest Profiler before?

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.

Start

Interests

Results

Job Zones

Careers

Next

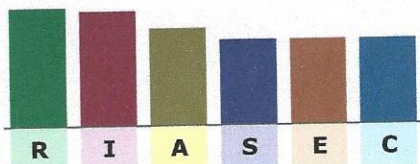


O*NET Interest Profiler is sponsored by the U.S. Department of Labor,
[Employment & Training Administration](#),
and developed by the National Center for O*NET Development.



MY NEXT MOVE

O*NET Interest Profiler



Realistic	28
Investigative	27
Artistic	23
Social	20
Enterprising	20
Conventional	20

Here are your Interest Profiler results!

Think of your interests as work you like to do.

Your interests can help you find careers you might like to explore. The more a career meets your interests, the more likely it will be satisfying and rewarding to you.

You can click on any interest below to learn more. When you're ready, click **Next** to continue.

- [Realistic](#)
- [Investigative](#)
- [Artistic](#)
- [Social](#)
- [Enterprising](#)
- [Conventional](#)

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MY NEXT MOVE

O*NET Interest Profiler



Select a Job Zone

Now that you have learned about each Job Zone, select the current or future Job Zone that's right for you:

- Job Zone One**
[Little or No Preparation Needed](#)
- Job Zone Two**
[Some Preparation Needed](#)
- Job Zone Three**
[Medium Preparation Needed](#)
- Job Zone Four**
[High Preparation Needed](#)
- Job Zone Five**
[Extensive Preparation Needed](#)



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MY NEXT MOVE

Print Share

Wind Energy Engineers

Also called: Project Designer, Transmission and Distribution Engineering; Project Engineer; Senior Engineer/Practice Leader-Land Development and Engineering; Senior Wind Energy Consultant

What they do:

Design underground or overhead wind farm collector systems and prepare and develop site specifications.

On the job, you would:

- Create or maintain wind farm layouts, schematics, or other visual documentation for wind farms.
- Recommend process or infrastructure changes to improve wind turbine performance, reduce operational costs, or comply with regulations.
- Create models to optimize the layout of wind farm access roads, crane pads, crane paths, collection systems, substations, switchyards, or transmission lines.

KNOWLEDGE

Engineering and Technology

- product and service development
- design

Math and Science

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

Arts and Humanities

- English language

Business

- management

SKILLS

Basic Skills

- thinking about the pros and cons of different ways to solve a problem
- reading work related information

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

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 speaking

Ideas and Logic

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

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

They do well at jobs that need:

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

You might use software like this on the job:

Analytical or scientific software

- The MathWorks MATLAB 🔥
- WindSim

Development environment software

- Apache Ant 🔥
- Microsoft Visual Basic 🔥

Object or component oriented development software

- C++ 🔥
- Python 🔥

EDUCATION



bachelor's degree or **master's degree** usually needed

Get started on your career:

- [Find Training](#)
- [Find Certifications](#)
- [Find Licenses](#)
- [APPRENTICESHIP.GOV](#)

JOB OUTLOOK



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



- [Check out my state](#)
- [Local Salary Info](#)
- [Find Jobs](#)
- [green](#)

EXPLORE MORE

You might like a career in one of these industries:

- [Professional, Science, & Technical](#)
- [Government](#)
- [Manufacturing](#)

See more details at O*NET OnLine about wind energy engineers.

