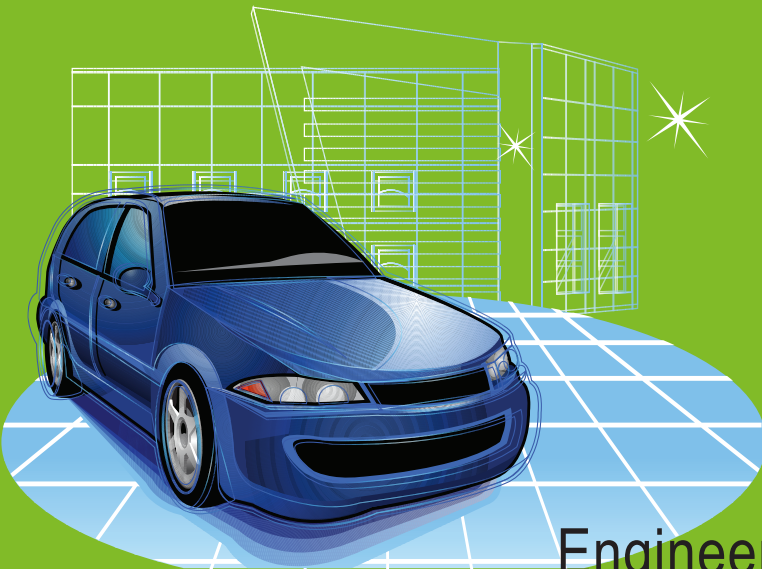


Consider a Career in Engineering



Engineers design
structures, machines, devices,
materials, systems, and
processes

Aerospace Engineers – Agricultural Engineers – Biomedical Engineers
– Chemical Engineers – Civil Engineers – Electrical Engineers
– Mechanical Engineers – Materials Engineers – Industrial Engineers
– Electronics Engineers – Computer Hardware Engineers

Engineers

change the way we live

They...

Build electronic devices that
diagnose and treat diseases

Create filtering systems that purify wa-
ter in developing countries

Design automotive technologies that
improve passenger safety

Develop clean fuel sources to reduce
pollution



What do Engineers have to say about their work?

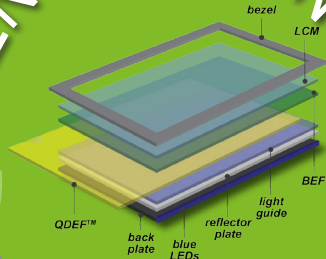
“I enjoy the challenge and reward
of finding the best solution to a
difficult problem.”

-Jeremiah Hess, Engineering Associate*





ENGINEERING



Develop products, processes, and technologies that solve architectural, manufacturing, environmental, and other scientific problems

With a career in **Engineering** you could...



Build robots



Develop new materials



Design cars



Construct bridges

Engineers design or improve *many types of products* including:



Household appliances



Medications



Food crops



Engineers are in demand.
Employment is expected to grow, with thousands of new jobs being added over the next few years.

MYTH *Engineering is too difficult.*

I'll never be able to learn it.

REALITY *Engineering is challenging, but it is **definitely DOABLE.***

As with any job, engineering requires years of training and experience to build up the right skill set.

Useful classes to *prepare for college...*

Student Transcript	
Math: Algebra, Calculus, Geometry	SHS
Physics	
Statistics	
Drafting	
Electronics	
Computer-Assisted Design	
Computer Science	

After high school,
here's the education you'll need to succeed:

The minimum education needed to work in engineering is a **bachelor's degree**. More job opportunities will be available to those who get a **master's degree**.

Starting Salaries
begin around

\$60,000-\$70,000
per year,



up to \$90,000
or MORE with several years experience.

Learn more about Engineering

- Join an engineering club
- Enter an engineering contest or competition
- Interview someone about their job in engineering
- Research careers and find college and training program information on QualityInfo.org in the “Jobs & Careers” and “Training & Education” sections

Looking for more information on STEM occupations?

Contact Lmipubs@oregon.gov to order copies of the STEM brochure series, offered for the following occupations:

- Biological Science
- Computer Information Systems
- Computer Science
- Drafting and Surveying
- Engineering
- Health Care
- Mathematics
- Physical Science
- Social Science

You can also view these brochures on the Publications page in the Posters & Brochures section at www.qualityinfo.org/pubs.



Need help?

The Oregon Employment Department (OED) is an equal opportunity agency. OED provides free help so you can use our services. Some examples are sign language and spoken-language interpreters, written materials in other languages, large print, audio, and other formats. To get help, please call 503-947-1444. TTY users call 711. You can also send an email to communications@employ.oregon.gov.

¿Necesita ayuda?

El Departamento de Empleo de Oregon (OED) es una agencia de igualdad de oportunidades. El OED proporciona ayuda gratuita para que usted pueda utilizar nuestros servicios. Algunos ejemplos son intérpretes de lengua de señas e idiomas hablados, materiales escritos en otros idiomas, letra grande, audio y otros formatos. Para obtener ayuda, por favor llame al 503-947-1444. Usuarios de TTY pueden llamar al 711. También puede enviar un correo electrónico a communications@employ.oregon.gov.