What is Engineering?
Applying science in everyday life.

ENGINEERING:

- creative
- engaging
- rewarding

profession where **people**

solve problems
design solutions
help local & global communities
and love what they do

With a Bachelor’s Degree in Engineering...
Graduates are **industry-ready** & **hireable**.

Median entry-level salary in B.C.:
$57,141

Median engineering base salary in B.C.:
$87,000

95,000+ jobs will be available by the end of 2020 due to retiring engineers.

What skills do I need?

- Problem-solving
- Adaptable
- Leadership
- Curiosity
- Communication
- Creativity
- Teamwork
- Attention to detail

Working Climate

Engineers work in...
urban centres, rural communities, & around the world.

They can work in the field, in the office, or both.

The Washington Accord allows mobility for P.Engs among 10 countries.

Learn more

- www.engineeryourlife.org/
- www.egfi-k12.org/
- www.apeg.bc.ca/For-Students/High-School-Students
- www.wwest.ca

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More information and resources at: http://wwest.ca
Next Steps to Becoming an Engineer...

Gr. 12 Chemistry, English, Math, & Physics*

Apply to an accredited program

Undergraduate Experiences

Co-op Paid Work Experience

Community Based Learning

International Experiences

Studen Design Teams

Student Government

Mentoring Programs

Professional Associations

Graduate

Engineer in Training (EIT)

Non-profit Engagement

Give Back

P.Eng Licence

Work in Industry

International Work

Law, Medicine, or Business

Graduate Degree

Check out these videos from WISEatlantic to learn more about engineering careers:

- [http://youtu.be/lqBLHsNAhBI](http://youtu.be/lqBLHsNAhBI)
- [http://youtu.be/dGP5rHn8ko](http://youtu.be/dGP5rHn8ko)
- [http://youtu.be/Za1J0qYBF-Q](http://youtu.be/Za1J0qYBF-Q)
- [http://youtu.be/oW2xTH-Z4mE](http://youtu.be/oW2xTH-Z4mE)

More videos available at: [www.WISEatlantic.ca/Videos.asp](http://www.WISEatlantic.ca/Videos.asp)

This Could Be You

AJung Moon

“I design nonverbal communication cues like hand gestures and gaze for robots so that they can collaborate with people better.”

Kristy Meents

“Working in oil and gas - one of Canada’s largest economies - leads to a lot of amazing opportunities.”

Belinda Li

“Engineering has helped me think creatively to work on solving complex global problems, like making sure people have reliable and sustainable access to safe drinking water.”

Hillary Kernahan

“As a Building Envelope Engineer, every day we are challenged to investigate and solve existing issues in buildings and design and construct better performing and longer lasting buildings.”

References


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More information and resources at: [http://wwest.ca](http://wwest.ca)