

environmental protection policies | construction management | advanced composite materials | process improvements | biomedical device design | human-robot interaction | water and sanitation | workplace safety | food supply improvements | technology development | green buildings | lean manufacturing | primary resource industry | communications networks | chemical process scaling for efficiency | machine learning | renewable energy | research and innovation

What is Engineering?

Applying science in everyday life.

ENGINEERING:

a [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.**



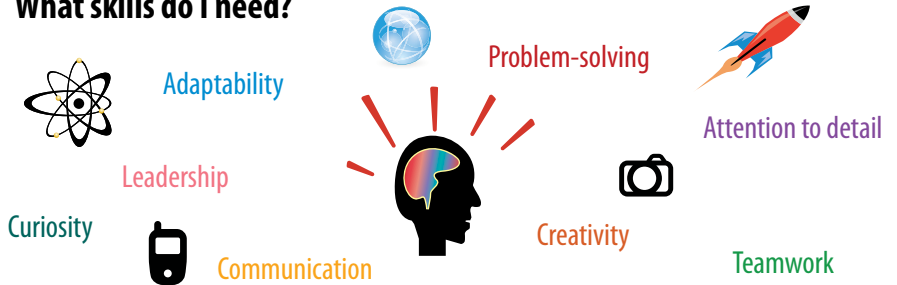
Median entry-level salary in B.C.: **\$57,141¹**

Median engineering base salary in B.C.: **\$87,000¹**



95,000+ jobs will be available by the end of 2020 due to retiring engineers.²

What skills do I need?



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

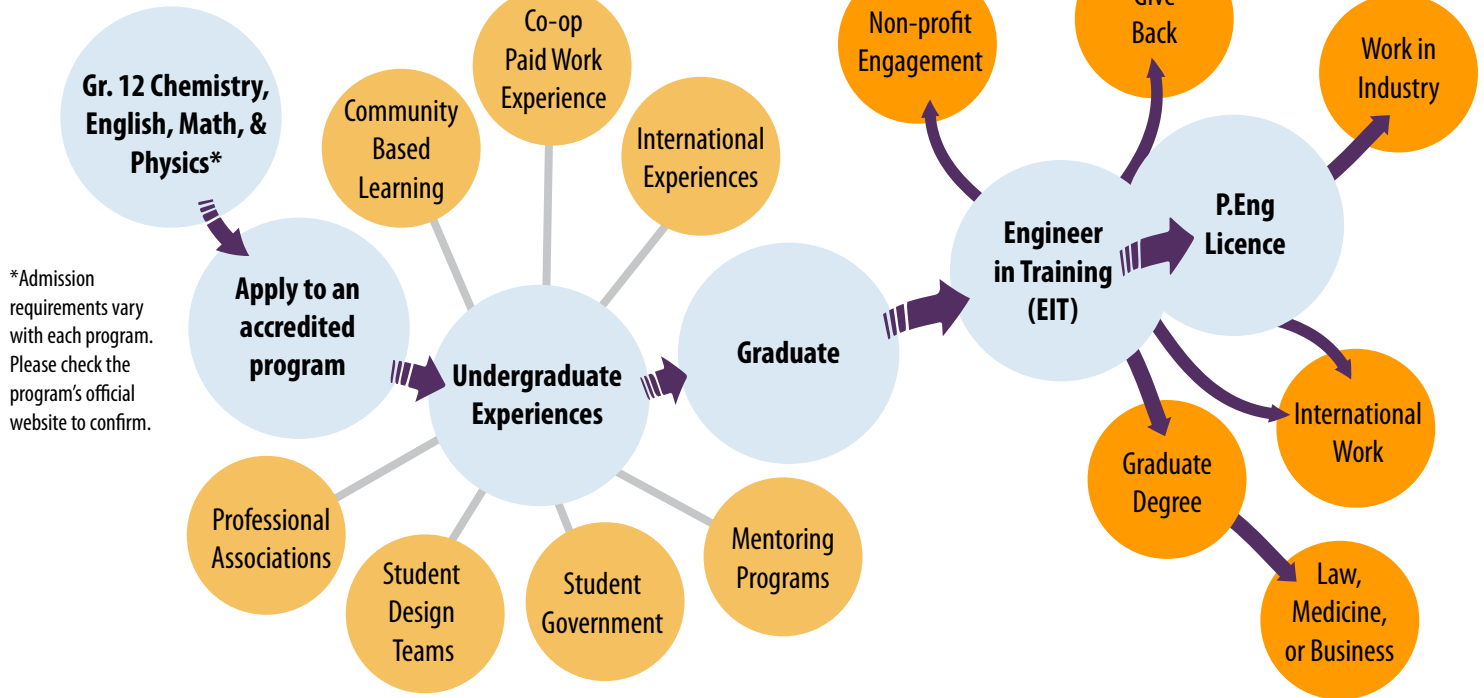
www.engineeryourlife.org/

www.egfi-k12.org/

www.apeg.bc.ca/For-Students/High-School-Students

www.wwest.ca

Next Steps to Becoming an Engineer...



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



<http://youtu.be/JqBLHsNAhBI>



<http://youtu.be/dGPP5rHn8ko>



<http://youtu.be/Za1JOqYBF-Q>



<http://youtu.be/oW2xTH-Z4mE>

More videos available at:
www.WISEatlantic.ca/Videos.asp

This Could Be You

AJung Moon
Photo by: Martin Dee, UBC

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

"Working in oil and gas - one of Canada's largest economies - leads to a lot of amazing opportunities."

Kristy Meents

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."

"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."

Hillary Kernahan

References

1. Association of Professional Engineers and Geoscientists of BC. (2012). Report on members' compensation and benefits. Retrieved from: <https://www.apeng.bc.ca/Careers/Compensation-Survey>
2. Engineers Canada. (2012). The engineering labour market in Canada: Projections to 2020. Retrieved from: <http://www.engineerscanada.ca/labour-market-report>