



Power Engineering Technology Diploma

Pursue a career as a power engineer

Do you like problem solving? Are you curious about how homes, schools and businesses get their power? In this two-year program, you will learn the ins and outs of power engineering. Power engineers operate and maintain heating and power plants and can operate large commercial refrigeration systems, such as food processing plants and ice rinks.

Be a part of an environmentally friendly future

According to WorkBC, power engineers have a median annual salary of \$79,253 — and the province is estimating 1,430 job openings from 2022 to 2032. The exciting field is ever evolving, offers high salaries and has a direct impact on people's lives.

As a power engineer you can work in industrial, commercial and residential areas. Common employers in the field include pulp mills, oil and gas, hospitals, breweries, recreational centres and high-rise buildings.

Through Technical Safety BC you can complete the fourth-class Power Engineering Certification and begin working as a fourth-class power engineer. When you graduate from the diploma program, you will enter the field in a fulfilling career as a certified third-class power engineer.

Considering a career in third-class power engineering? Get your certificate at TRU with a combination of classes and three months' work experience.

PROGRAM DETAILS

Location: Kamloops

Program length: two years

Tuition, fees and books:

- Domestic: \$7,256.22
- International: \$17,843.45

A TRU STORY

Sierra Neuls

Alumni, Class of 2023



The most rewarding part of the 4th class Power Engineering at TRU for me was the connections with skilled trade and industry professionals that were able to advise on both course content and guidance for my future career.

PROGRAM HIGHLIGHTS

Learn with our exciting steam-powered training plant. This incredible facility has two powerful 150lb steam boilers, a steam turbine generator, condensers, and additional equipment. The boilers generate 10,000lbs of steam per hour, which drives a 50kw steam turbine generator. This generator produces both heat and power which are used by the TRU Kamloops campus.

Gain valuable experience with two distinct types of gas-fired steam boilers: watertube and firetube.

SCHOOL OF TRADES AND TECHNOLOGY

Interested in carpentry, electrical, piping trades or welding? The school offers foundation and apprenticeship training in 20 trades that are backed by the SkilledTradesBC. Choose from career-oriented degrees, diplomas and certificates and through Continuing Studies, we also offer a wide variety of courses to upgrade your current training.

CAREER OUTCOMES

You can find yourself working as a Power Engineer in:

Industrial:

- Pulp mills
- Oil and gas
- Power generation
- LNG plants

Commercial:

- Hospitals
- Breweries
- Food processing plants
- Recreational centers
- Stadiums
- Universities

Residential:

- Apartment complexes
- Care homes
- High-rise buildings



WHO CAN I TALK TO?

Reach out for more information:

dgeiger@tru.ca

To apply for this program, visit **tru.ca/apply**

tru.ca/power-engineering