



WHAT YOU WILL LEARN

Build on your Fourth Class foundation and gain the skills to lead the operation and maintenance of the complex systems used in industrial boilers, pumps, air conditioning and refrigeration systems. You'll also be prepared to write the provincial licensing exam.

The program also requires a three-week power lab in Saskatoon and a 60-hour work placement (costs to attend the power lab and work placement are the responsibility of the student). Students will cover the theory required to prepare them for the 4 third class interprovincial licensing exams during the duration of this program.

ENTRANCE REQUIREMENTS

- Fourth Class Power Engineering License
- A mandatory orientation lab is required for students who did not complete their lab training at the Saskatoon Saskatchewan Polytechnic lab while obtaining their fourth class designation
- English language requirement

SCHOLARSHIP ELIGIBLE

Apply before February 28 and you may be eligible for a \$500-\$5,000 Entrance Scholarship.

COURSE LIST

Semester 3

- ENGP 284 - Applied Mechanics (3rd Class)
- ENGP 296 - Chemistry, Metallurgy and Drawings
- MATH 390 - Technical Mathematics for Engineering Calculations
- THER 281 - Thermodynamics (3rd Class)

Semester 4

- ELEC 291 - Basic Electricity 2
- ENGP 280 - Refrigeration (3rd Class)
- ENGP 285 - Power Lab 3
- ENGP 286 - Codes and Calculations 1
- ENGP 290 - Pumps and Compressors

- ENGP 292 - Prime Movers and Plant Auxiliaries
- ENGP 297 - Combustion, Piping and Plant Management
- INST 280 - Controls and Instrumentation
- PROP 280 - Process Simulations 2

- STEA 286 - Steam Generation (3rd Class)
- WORK 186 - Work Experience 2
- WTER 280 - Water Treatment (3rd Class)

Visit www.greatplainscollege.ca/programs for detailed course descriptions.

For more information:

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