



WHAT YOU WILL LEARN

Build on your Fourth Class foundation and expand your knowledge of high and low-pressure boiler operations, water treatment systems, pump operations, controls and instrumentation, air conditioning and refrigeration, checking and maintaining equipment, using computers to monitor plant operations, plant safety, environmental (pollution) management and communications.

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

ENTRANCE REQUIREMENTS

- Fourth Class Power Engineering License or Technician Certificate
- NOTE: While chemistry, physics and geometry-trigonometry are not program entrance requirements, some employers may require these

subjects. Students are strongly encouraged to have current Standard First Aid & CPR "A", H2S Alive and WHMIS certificates prior to start of program. Many employers require the certification for work placements

- 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

Please note that if you do not meet these entrance requirements, special admissions options may be available

SCHOLARSHIP ELIGIBLE

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

COURSE LIST

- ELEC 291 - Basic Electricity 2
- ENGP 280 - Refrigeration
- ENGP 284 - Applied Mechanics 2
- ENGP 285 - Power Lab 3
- ENGP 286 - Codes and Calculations 1
- ENGP 290 - Pumps and Compressors
- ENGP 292 - Prime Movers and Plant Auxiliaries
- ENGP 296 - Industrial Chemistry, Metallurgy and Drawings
- ENGP 297 - Combustion, Piping and Plant Management
- INST 280 - Controls and Instrumentation
- MATH 390 - Technical Mathematics for Engineering Calculations
- PROP 280 - Process Simulations 2
- STEA 286 - Steam Generation 2
- THER 281 - Thermodynamics 2
- WORK 186 - Work Experience 2
- WTER 280 - Water Treatment 2

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

For more information:

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