

Power Generation

College of Rural and Community Development
Tanana Valley Campus
907-455-2906
www.tvc.uaf.edu

Certificate

Minimum Requirements for Certificate: 38 credits

The power generation program will help students develop entry-level skills needed in industrial and commercial electrical power generation and maintenance. Courses combine the technical know-how and hands-on experience necessary to develop entry level workers in a variety of power generation and industrial fields. Students will become familiar with the operation and maintenance of the standard equipment encountered in the power generation industry.

Certificate Program

1. Complete the general university degree requirements (page 86).
 2. Complete the certificate requirements (page 88).
 3. Complete the following program (major) requirements:*
 - PGEN F101—Intro to Power Generation, Distribution & Alternative Energy3
 - PGEN F102—Basic Electricity for Power Generation Operators4
 - PGEN F103—Introduction to Power Generation: Maintenance.....4
 - PGEN F104—Gas & Steam Turbines; Co-Generation and Combined Cycle Technologies4
 - PRT F110—Introduction to Occupational Safety, Health and Environmental Awareness.....3
 - PRT F120—Water Quality Management for Process Industries4
 - PRT F140—Industrial Process Instrumentation I3
 - WMT F101—Introduction to Welding.....4
 4. Minimum credits required38
- * Students must earn a C grade or better.