

Occupational Endorsement Certificate in Petroleum Production

This program is delivered only through Kenai Peninsula College.

The Occupational Endorsement Certificate in Petroleum Production prepares students for work as an entry-level petroleum production operator.

Admission Requirements

- Complete the Admission Requirements for Occupational Endorsement Certificates (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).

Special Considerations

PETR A155 and PRT A260 courses are presented "on-line" but include four on-site 8-hour hands-on sessions of practical instruction each at the KPC Kenai River Campus in Soldotna, AK.

Graduation Requirements

- Complete the General University Requirements for Occupational Endorsement Certificates (<http://catalog.uaa.alaska.edu/undergraduateprograms/oecrequirements/>).
- Complete the following major requirements:

Code	Title	Credits
PETR A155	Process Industry Basics	3
PRT A110	Introduction to Process Safety, Health and Environmental Awareness	3
PRT A160	Oil and Gas Exploration and Production I	3
PRT A260	Oil and Gas Exploration and Production II	3
Total		12

A minimum of 12 credits is required for the degree.

Program Student Learning Outcomes

Students graduating with an Occupational Endorsement Certificate in Petroleum Production will be able to:

- Describe the petroleum production operator's duties.
- Describe the operation of various types of oil & gas well production methods.
- Identify federal agencies, state agencies, and their applicable regulations that impact safety, health, and environment concerns in petroleum production operations.
- Identify various hand tools and their safe use in petroleum production operations.
- Identify various symbols, graphics, and components used in petroleum production, Piping, and Instrumentation Diagrams (P&ID) and Process Flow Diagrams (PFD).