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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PETR A155</td>
<td>Process Industry Basics</td>
<td>3</td>
</tr>
<tr>
<td>PRT A110</td>
<td>Introduction to Process Safety, Health and Environmental Awareness</td>
<td>3</td>
</tr>
<tr>
<td>PRT A160</td>
<td>Oil and Gas Exploration and Production I</td>
<td>3</td>
</tr>
<tr>
<td>PRT A260</td>
<td>Oil and Gas Exploration and Production II</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>12</strong></td>
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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).