

# Occupational Endorsement Certificate in Valve Repair and Maintenance

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*This program is delivered only through Kenai Peninsula College.*

The Occupation Endorsement Certificate in Valve Repair and Maintenance prepares students for work as an entry-level valve technician.

## Admission Requirements

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

## 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 A130	Remotely Actuated Valves <sup>1</sup>	4
PETR A131	Mechanically Actuated Valves <sup>2</sup>	2
PETR A155	Process Industry Basics <sup>3</sup>	3
PRT A140	Industrial Process Instrumentation I	3
<b>Total</b>		<b>12</b>

<sup>1</sup> *PETR A130 presented "online" but includes five on-site 8-hour hands-on sessions of practical instruction.*

<sup>2</sup> *PETR A131 presented "online" but includes two on-site 8-hour hands-on sessions of practical instruction.*

<sup>3</sup> *PETR A155 presented "online" but includes four on-site 8-hour hands-on sessions of practical instruction.*

**A minimum of 12 credits is required for the certificate.**

## Program Student Learning Outcomes

Students graduating with an Occupational Endorsement Certificate in Valve Installation and Maintenance will be able to:

- Describe general troubleshooting techniques and repair procedures for remotely actuated valves.
- Describe general troubleshooting techniques and repair procedures for mechanically actuated valves.
- Describe alignment techniques for remotely actuated valves.
- Describe negative feedback control of a remotely actuated valve in a closed loop control system.

- Identify various hand tools and their safe use in valve maintenance and repair procedures.