

Undergraduate Certificate in Petroleum Technology

Program Student Learning Outcomes

The graduates of the UAA Petroleum Technology program will have the ability to:

- Identify various process technology industries.
- Identify federal and state agencies and regulations that impact process industries.
- Calculate various process equipment theory results.
- Explain various process instrumentation theories.
- Identify various process instrumentation and the uses of the instrumentation in control loops.
- Sketch accurate piping and instrumentation diagrams (P&ID's).
- Develop and compose process procedures.
- Explain Outside Operator and Board Operator responsibilities and duties.
- Monitor a process, troubleshoot problems, and respond appropriately.
- Explain quality concepts, tools, and methods used in the process industries.