

Associate of Applied Science in Industrial Process Instrumentation

Program Student Learning Outcomes

Graduates of the UAA industrial process Instrumentation program will have the ability to:

- Read P & ID drawings and interpret instrument symbols.
- Describe the output from a pneumatic or electronic transmitter for a given process input condition.
- Describe the effect of changes in gain or integral time on the dynamic behavior of closed-loop control.
- Describe the techniques for troubleshooting an orifice meter and flow control loop using either electronic or pneumatic equipment.
- Identify the voltage drops in a series connected current loop or a parallel connected voltage loop.
- Distinguish between data transmitted by analog signals and data transmitted by digital signals.