

# INT 208: Advanced Process Simulation

Upon completion, students will be able to demonstrate their ability to develop programs, load programs into real-world PLCs, and troubleshoot the system if necessary. Emphasis is placed on analog programming, designing complete working systems, start-up and troubleshooting techniques, and special projects. Topics include plant safety, piping and instrument diagrams, pressures, levels, flows and temperature, and loops designed to function in real time.

**Credits: 3**

**Lab Hours: 2**

**Lecture Hours: 1**