

INDUSTRIAL TECHNOLOGY (INDT)

INDT 1030 – Industrial & Plant Safety **3 credit hours**

Lecture Hours: 3; Lab Hours: 0 This course introduces various types of plant hazards, safety and environmental systems and equipment, and industry regulations.

Schedule type: Independent Study, Lecture, Web

INDT 2070 – Quality Control **3 credit hours**

Lecture Hours: 3; Lab Hours: 0 This course introduces many process industry quality-related concepts, including operating consistency, continuous improvement, plant economics, team skills, and statistical process control.

Schedule type: Independent Study, Lecture, Web

INDT 2630 – Fluid Mechanics **3 credit hours**

Lecture Hours: 3; Lab Hours: 0 This course addresses fluids, fluid types, and the chemical and physical natures and factors affecting fluids while in motion. It reviews basic calculations relative to flow and volume. It also addresses such topics as laminar/turbulent flow, viscosity, and Reynolds Number.

Pre-requisite(s): PTEC 1010, MATH 1300, MATH 1299, PHSC 1000, PHSC 1100, PHYS 1100, PHYS 1110, PTEC 1010, MATH 1300, MATH 1299

Schedule type: Independent Study, Lecture, Web

INDT 2900 – Job Readiness Skills **3 credit hours**

Lecture Hours: 3; Lab Hours: 0 This course prepares students for pre-employment tests for the oil, gas, and petrochemical industries by strengthening mechanical knowledge through exercises in spatial relations, reasoning with symbols, and mechanical aptitude. It also develops job-seeking skills, such as résumé writing and interviewing.

Pre-requisite(s): PTEC 1010

Schedule type: Independent Study, Lecture, Web