

COURSES

HYDRAULICS

HYD-110 Hydraulics/Pneumatics I

Lec 2 Lab 3 Clinic 0 Credit 3

This course introduces the basic components and functions of hydraulic and pneumatic systems. Topics include standard symbols, pumps, control valves, control assemblies, actuators, FRL, maintenance procedures, and switching and control devices. Upon completion, students should be able to understand the operation of a fluid power system, including design, application, and troubleshooting.

Co-Requisites: None

Pre-Requisites: None

HYD-210 Advanced Hydraulics

Lec 1 Lab 3 Clinic 0 Credit 2

This course covers advanced hydraulic systems. Emphasis is placed on advanced hydraulic systems and components, troubleshooting, and other related topics. Upon completion, students should be able to demonstrate an understanding of the installation, application, operation, and maintenance of hydraulic components and systems.

Co-Requisites: None

Pre-Requisites: One Course: HYD-110, HYD-111, or HYD-112