

ILT 168: Hydraulics/Pneumatics

This course introduces hydraulics and pneumatics. Topics include pumps, compressors, reservoirs, valves, filters, regulators, actuators, accumulators, and lubricators. Drawing and interpretation of fluid power circuit diagrams and symbols is emphasized. Electronic control of hydraulic and pneumatic systems will be covered. Weekly laboratory exercises reinforce lecture content and safety principles related to working with high pressure fluids.

Credits: 3

Transfer Code: Code C

Lab Hours: 4

Lecture Hours: 1

Prerequisites:

As required by college

Program: Industrial Electronic Technology

Semester Offered:

Fall

Spring

Summer