

INT 118 : FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS

This course includes the fundamental concepts and theories for the safe operation of hydraulic and pneumatic systems used with industrial production equipment. Topics include the physical concepts, theories, laws, air flow characteristics, actuators, valves, accumulators, symbols, circuitry, filters, servicing safety, and preventative maintenance and the application of these concepts to perform work. Upon completion, students should be able to service and perform preventative maintenance functions on hydraulic and pneumatic systems.

Credits 3

Lab Hours 2

Theory Hours 2