

Fluid Power Technology (ATF)

ATF 1400 Introduction to Hydraulics 3 Credit Hours

Equivalent: APT 8400

ESL Placement Level: For English-as-a-Second-Language (ESL) students, placement into ESL 2510 or higher.

This course illustrates the application of physical concepts such as Boyle's Law, Charles' Law, Bernoulli's Theorem, Torrecellie's Law, Pascal's Law, K'Arch's Equation, Reynold's Number, pressure drop, density, specific gravity, efficiency and horse power, through basic hydraulic circuitry.

Emphasis is placed on circuit components and how they work. **BILLABLE**
CONTACT HOURS: 3.5