

# Fluid Power Technology (ATF)

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**ATF 1400 Introduction to Hydraulics ..... 3 Credit Hours**

**Equivalent:** APT 8400

**English/ESL Placement:** Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).

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