

# AMP 124: Turbine Engine Theory and Inspection

This course introduces the turbine engine. Emphasis is placed on turbine engine development, application, theory, components, materials and construction, and operating and power extraction principles. Upon completion, students should be able to explain turbine engine theory and operating principles, describe procedures for 100-hour and Borescope inspections, and perform a hot section inspection by disassembling and reassembling a turbine engine. This is a CORE course.

**Credits:** 5

**Lab Hours:** 6

**Lecture Hours:** 2

**Prerequisites:**

None

**Co-Requisites:**

None