

# AUM 124: Automotive Engines

This course provides instruction on the operation, design, and superficial repair of automotive engines. Emphasis is placed on understanding the four stroke cycle, intake and exhaust manifolds and related parts, engine mechanical timing components, engine cooling and lubrication system principles and repairs, and basic fuel and ignition operation.

CORE

**Credits:** 3

**Transfer Code:** Code C

**Lab Hours:** 4

**Lecture Hours:** 1

**Prerequisites:**

As required by college

**Program:** [Advanced Automotive Technology](#)

**Semester Offered:**

Fall

Spring

Summer