

# AUTO228N : Automotive Engine Repair: A Capstone Course

This course is designed to give students a better understanding of current practices involved in the diagnosis, disassembly, cleaning, repair and reassembly of today's modern engines. Topics for this course will include engine diagnostic procedures, engine removal practices, proper teardown, cleaning and inspection processes, best practices for component repair/replacement, reassembly and engine reinstallation. There will also be discussion about engine design, performance modifications and specifics regarding certain engine features that are manufacturer specific. There is also a Capstone Assignment that is part of this course.

**Class Hours** 2

**Lab Hours** 6

**Credits** 4

**Prerequisites**

Successful completion of all automotive coursework or permission of program coordinator.