

## ATEC 232: HYBRID-ELECTRIC VEHICLE II

An ASE/NATEF course designed to familiarize the student with hybrid safety, hybrid internal combustion engines (ICE), power inverter system, electric propulsion sensing systems, energy management hardware system, hybrid vehicle braking systems, hybrid climate control, high voltage analysis tools used in hybrid and electric vehicle systems, and high voltage vehicle safety systems. Review AC induction electric machines and permanent magnet electric motors theory and construction.

Credits: 6

Prerequisites: ATEC 231.

Program: [Automotive Technology](#)