

ATEC 252: ALTERNATIVE FUELS/ELECTRIC VEHICLE RESEARCH/ APPLICATION

(inactive, January 2017) A continuation of ATEC 25. An ASE/NATEF course designed to enable students to analyze and synthesize theories and findings related to the manufacture and use of various alternative fuels. Investigate, install, and evaluate conversions from internal combustion driven vehicles to allelectric driven vehicles, and hybrid electric (HEV). Investigate conversions of hybrid electric vehicles to plug-in hybrid electric vehicles (PHEV). The course will also cover analysis of Extended Range Electric Vehicles (EREV).

Credits: 5

Prerequisites: AMATH 121 with at least a 2.0 gpa or completion of higher level math course and 2.0 gpa or better in ATEC 232, ATEC 233 and ATEC 251 or instructor permission.

Program: [Automotive Technology](#)