2024-25 ACADEMIC COURSES

ATT 286: ELECTRIC VEHICLE (EV) DYNAMOMETER TESTING

In this course, students will learn how to use automotive and motorcycle chassis dynamometers to collect vehicle data from electric vehicles (EVs). Topics of study will include, but will not be limited to, diagnosing EV drivability issues, developing custom tests to capture miles per gallon of gasoline-equivalent (MPGe) data, and identifying safety standards and practices for chassis dynamometers with EVs. Students will also use dynamometer tests to assess EV battery consumption and degradation values associated with varied weather, temperature, and driving style.

Level I Prereq: Academic Reading and Writing Levels of 6; ATT 282 minimum grade "C"

Description	Hours
Credits	2
Lecture Hours	30
Clinical Hours	0
Lab Hours	22.5
Other Hours	0
Total Hours	52.5

Accurate as of 05/17/2024 Information is subject to change without notice.