

2024-25 ACADEMIC COURSES

ATT 282: ELECTRIC VEHICLE (EV) ENERGY MANAGEMENT

In this course, students will learn how to service and maintain electric vehicle (EV) batteries and on-board charging systems according to the manufacturers' recommendations. Topics of study will include EV battery subsystems and battery charging component and wiring locations. In addition, battery heating and cooling system identifications as well as safety standards and practices for EV battery service will be addressed. Students will also explore specialty battery tooling, battery management system (BMS) data, and the diagnostic tooling needed to perform battery diagnostics and removal in a shop environment.

Level I Prereq: Academic Reading and Writing Levels of 6; ASV 256 and ATT 280, minimum grade "C"

Description	Hours
Credits	4
Lecture Hours	45
Clinical Hours	0
Lab Hours	60
Other Hours	0
Total Hours	105

Accurate as of 05/03/2024 Information is subject to change without notice.