

2024-25 ACADEMIC COURSES

ATT 284: ELECTRIC VEHICLE (EV) DRIVELINES & CHASSIS

In this course, students will learn how to service and maintain electric vehicle (EV) drivelines and HVAC systems as well as follow manufacturers' recommendations to align EV chassis. Topics of study will include, but will not be limited to, motors used in EV drive systems, EV gearbox service, as well as passenger cabin heating and cooling system identification and maintenance. Safety standards and practices for servicing EV drivelines and HVAC systems will also be addressed as well as specialty service tooling and suggested maintenance intervals.

Level I Prereq: Academic Reading and Writing Levels of 6; ATT 282 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.