

Automotive Technology • Hybrid, Electric, and Fuel Cell Vehicles

Third Year Option

Semester Course Outline • 2024 – 2025

9 Months (2 Semesters) • Revised: 1/17/24

Credits Required: 30



Fall Semester

Course Number	Course Title	Clock Hours	Credits
AT 205	Introduction to Electric and Hybrid Vehicles	28	1
AT 211	Introduction to Electric Vehicles and Hybrid Powertrains	84	3
AT 213	Electric Vehicles and Hybrid Powertrain Diagnostics	140	5
AT 223	Introduction to ReGen Braking and Electric Power Steering	56	2
AT 229	ReGen Braking and Electric Power Steering Diagnostics	112	4
Total		420	15

Spring Semester

Course Number	Course Title	Clock Hours	Credits
AT 231	Introduction to Plug-in Electric Vehicles and Hybrid Fuel Cell Technology	56	2
AT 235	Plug-in Electric Vehicles and Hybrid Fuel Cell Technology Diagnostics	84	3
AT 237	Introduction to Electrical Vehicles and Hybrid Analyzing and Diagnosis	112	4
AT 240	Electric Vehicles and Hybrid Analyzing and Diagnosis Diagnostics I	84	3
AT 241	Electric Vehicles and Hybrid Analyzing and Diagnosis Diagnostics II	84	3
Total		420	15