

AUTO220W : Electric Vehicle Propulsion Systems

Electric Vehicle Propulsion Systems provides practical training in the basic theory and design aspects of the electric vehicle propulsion system. Topics discussed and applied in the lab include the rationale for electric vehicles, basic battery technologies and battery testing, electric motor types and operation, power management, power inverters, DC to DC converters, accessory systems, and future technologies.

Lecture Hours 3

Lab Hours 1

Credits 4

Prerequisite Courses

AUTO101W

AUTO112W