

PROPOSAL: Create the Undergraduate Certificate Program in Electric Vehicles

Background

The Undergraduate Studies Council of the Faculty Senate has approved the creation of the Undergraduate Certificate Program in Electric Vehicles offered by the Department of Electrical and Computer Engineering in the College of Engineering and Applied Sciences.

The proposed program is informed by insights gathered through industry input, educational partnerships, external reviews, undergraduate/graduate student feedback, new student intake data, departmental advising, exit interviews, alumni engagement, best practices and standards, as well as institutional planning and reporting, etc. This information has emphasized designing certificate programs to meet the growing talent demand in Michigan's advanced manufacturing sector. One of the in-demand skill areas identified was those that prepare students for careers as electrical engineers, semiconductor technicians, and EV processing technicians—skills they can master during their studies in the proposed certificate programs.

Recommended Action

Create the Undergraduate Certificate Program in Electric Vehicles.