

Faculty Response to ASE Program Review
April, 2023
Automotive Technology

With no recommendations from the evaluators to address, the faculty response focuses on recent and upcoming improvement initiatives.

Goals

- Align curriculum to meet industry innovations and standards.
 - Develop course material for Hybrid and Electric Vehicle (EV) Systems.
 - SWI 2018 \$290,000 annual appropriation for Hybrid and EV training partners with tech schools
 - We provide curriculum and equipment support to the state's technical school and community college programs.
 - Train the trainer: the grant covers the tuition for partnering educators to receive EV training.
 - SWI 2021 \$299,000 annual appropriation for Hybrid and EV training partner with high schools
 - We provide curriculum and equipment support to Weber and Davis County high school automotive programs.
 - Train the trainer: the grant covers the tuition for high school teachers to receive EV training.
 - Created two certificates of proficiency for EV
 - Added five new EV courses
 - Develop course material for Autonomous Ground Vehicle (AGV) Operations.
 - Deep Tech Grant \$870,000 to develop AGV with Computer Science
 - Added AGV course to BS degree
 - Develop an Automotive Engineering Technology AAS and BS degree program.
 - The curriculum will address the electrical and electronic systems used for vehicle electrification and automation.
 - High School Outreach Coordinator position created
 - Responsible for dual enrollment admissions and registration in Davis and Weber County high school automotive programs
 - Piloting scholarship program to cover admission fees and tuition in low-income schools
 - Conducts status switch with seniors in the spring and walks them through the program application process
 - Takes local Service Managers to the high school to promote the industry.