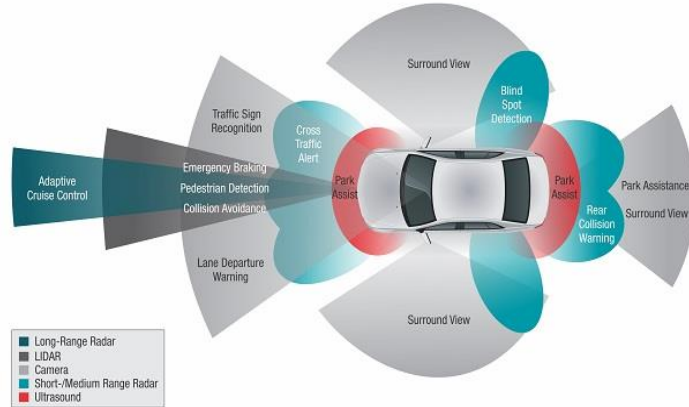


ADAS Tech

Advanced Driver Assistance Systems Technician

A shift in transportation technology has taken place with the advent of autonomous vehicles (AV) and intelligent cars. Vehicles equipped with Advanced Driver Assistance Systems (ADAS) such as Parking assist, Blind Spot Monitoring, and Adaptive Cruise Control will continue to increase and transform as technological advancements occur. An automotive workforce with the knowledge needed to manage and maintain them is critical. The Advanced Driver Assistance Systems Technicians (ADAS Tech) project will produce workforce-ready technicians that are capable of diagnostics and calibrations for Radar, LiDar, and camera technology on ADAS and AV systems.



Goals

Develop, modify, and create course curricula modules with ADAS and AV topics

Establish ADAS and AV lab training equipment for students to practice skills

Promote a career pathway to strengthen math and science skills for high school and under-represented groups

Year One Activities

- Launch development of curriculum modifications to include ADAS topics for five current automotive courses. Prepare for the development of two new courses to incorporate ADAS and AV course content.
- Begin to develop a career ladder that will articulate high school dual-enrollment credit into automotive technical associate degree programs.
- Acquire autonomous vehicle and ADAS lab equipment for students to practice applied skills.
- Create a diverse technician workforce by focusing on women and students from under-represented populations.



Industry Partnerships:
Air Pro Diagnostics
Jacksonville Transit Association
NE Florida Transportation Planning Org.
Southeast Toyota Distributors

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