

AUTO TECH, AUTONOMOUS VEHICLE, CERTIFICATE OF TECHNOLOGY



- service advisors,
- service managers,
- parts counters, and
- car sales.

Earning Potential

Autonomous Vehicle Technicians: \$37,440¹

¹ Source: Nuro estimated annual starting salary, 2023

For more information, students may call Tommy Hendricks, Program Coordinator at 281-998-6350, x1150 or thomas.hendricks@sjcd.edu or Kay Richardson, Department Chair at 281-991-2608 or kay.richardson@sjcd.edu.

Campuses

Central Campus

South Campus

Program Information

With automotive technology rapidly developing each year and becoming increasingly complex, the industry demand for qualified Junior (Jr.) Fleet Technicians is growing exponentially. At San Jacinto College, students receive real-world experience with hands-on training and education to excel and become successful in the autonomous automotive field. Students study the multiple areas of Automotive Service Excellence (ASE) to become properly trained, certified, and employed at an automotive service facility.

The San Jacinto College Autonomous Vehicle Certificate of Technology program:

- Offers lectures and in-class demonstrations, combined with practice lab skill sets, which better prepare and train students to transition into the workforce;
- Provides students with the opportunity to work in the automotive field while attending school in the *Earn While You Learn* program;
- Teaches students the theory of operation, component identification, and diagnostic procedures, all of which helps develop critical thinking skills necessary for proper vehicle diagnostics along with better preparation for passing the ASE exams; and
- Provides students with the hands-on experience needed for real-world experience, development, and training.

Career Opportunities

According to *Economic Impacts of Autonomous Delivery Services in the US*, between 2020 and 2025, autonomous vehicle use will create over three million jobs, stimulate the US economy by over four trillion dollars, and significantly decrease auto crash injuries and CO₂ emissions, all while saving consumers over 20 billion hours of time. At San Jacinto College, you can play a role in these incredible gains! After graduation, students will have several exciting career avenues from which to choose, including:

- autonomous Jr. Fleet Technicians,
- service technicians,