

# AUTO TECH, GENERAL MOTORS AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM (ASEP), LEVEL 2 CERTIFICATE



## Program Information

Students looking to shift their careers into high gear should look no further than the General Motors (GM) Automotive Service Education Program (ASEP) at San Jacinto College. Cars and trucks are much more complex than they used to be, increasingly relying on complicated computer systems and electronics for operation. With GM being the world's largest automotive manufacturer, students have access to the latest equipment and technology. At San Jacinto College, students receive the right training to excel in the ever-changing and always exciting field of automotive technology. As students learn about and work with cars from the world's largest automotive manufacturer, they will have access to the latest equipment and technology.

The GM Automotive Service Education Program:

- Offers hands-on training to learn the automotive fundamentals for GM vehicles;
- Provides tools, course materials, and the opportunity to Earn While You Learn as students are also employed as dealer technicians while completing the program;
- Gives students experience needed to prepare for the Automotive Service Excellence exam; and
- Provides scholarships and tuition assistance available to those who qualify.

## Additional Information

All automotive technology programs at San Jacinto College are accredited through ASE Education Foundation.

## Career Opportunities

The GM ASEP prepares students for careers in dealerships as:

- Service technicians;
- Parts counter persons;
- Service writers;
- Car salespeople; and
- Service managers.

## Earning Potential

Automotive Service Technicians and Mechanics: \$52,323 per year<sup>1</sup>

<sup>1</sup> Source: texaswages.com, median salary Gulf Coast region, 2023

For more information, students may contact Darryl Malone, Program Coordinator at 281-998-6350, x1535 or darryl.malone@sjcd.edu or Kay Richardson, Department Chair at kay.richardson@sjcd.edu or 281-991-2608.

## Campus

Central Campus

### Information

GM ASEP streamlines the path to becoming a highly trained automotive technician to less than two years. In GM ASEP, students alternate between San Jacinto College, a GM ASEP College, and hands-on work experience at a sponsoring dealership. GM ASEP instructors are GM trained and in touch with the latest automotive trends. Students learn how to identify, analyze, and solve complex automotive problems. Theory and practical application come together as students spend time working on actual customer vehicles. General Motors requires GM ASEP instructors to have the latest high tech training available. GM ASEP colleges are ready to provide the most current training available in the industry. GM ASEP students complete between 80-100 percent of the GM training required to become a GM certified technician. GM donates new vehicles to its GM ASEP colleges. This ensures that students are training on the latest vehicle technology.

All GM ASEP programs, including San Jacinto College, are accredited by the National Automotive Technicians Education Foundation (NATEF). This accreditation ensures that this training will meet or exceed industry standards. All GM ASEP instructors must be certified by the National Institute for Automotive Service Excellence before they are allowed to teach in any GM ASEP classroom. In fact, many of these instructors have gone on to achieve GM World Class status, the highest achievement for a GM technician. Students interested in the GM ASEP program are required to meet with the ASEP coordinator or Department Chair before registering for automotive classes.

Students enrolling into San Jacinto College programs with external learning experiences (i.e., clinical, practicum, externship, cooperative, etc.) will be required to comply with the immunization requirements and policies of the clinical/external learning sites to engage in all clinical/external learning experiences. Vaccination requirements at clinical/external learning sites are implemented pursuant to the independent authority of such facilities and are not mandated by San Jacinto College. Failure to meet the immunization requirements mandated by clinical/external learning sites may limit a student's ability to complete the program and/or may delay the student's graduation date. San Jacinto College does not process exemptions, and students should address potential vaccination exemptions directly with the clinical/external learning site.

## Plan of Study

First Term		Credits
AUMT 1407	Automotive Electrical Systems	4
AUMT 2421	Automotive Electrical Diagnosis and Repair	4

AUMT 2288	Internship - Automotive Technology	2
<b>Credits</b>		<b>10</b>
<b>Second Term</b>		
AUMT 1419	Automotive Engine Repair	4
AUMT 1410	Automotive Brake Systems	4
AUMT 2188	Internship - Automotive Technology	1
<b>Credits</b>		<b>9</b>
<b>Summer Year One Term</b>		
AUMT 1345	Automotive Climate Control Systems	3
AUMT 1316	Automotive Suspension and Steering	3
<b>Credits</b>		<b>6</b>
<b>Third Term</b>		
AUMT 2288	Internship - Automotive Technology	2
AUMT 2413	Manual Drivetrain and Axles	4
AUMT 2425	Automotive Automatic Transmission and Transaxles	4
<b>Credits</b>		<b>10</b>
<b>Fourth Term</b>		
AUMT 2288	Internship - Automotive Technology	2
AUMT 2417	Automotive Engine Performance Analysis I	4
AUMT 2434	Automotive Engine Performance Analysis II	4
<b>Credits</b>		<b>10</b>
<b>Total Credits</b>		<b>45</b>

**Capstone Experience:** AUMT 2288 Internship - Automotive Technology

**Note:** Department-specific courses must be taken in sequence and may have a prerequisite course. Exceptions must be approved by the Department Chair.