



General Motors

Automotive Service Educational Program



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Southland/Cerritos Center for Transportation Technologies

...where community college education combines with industry

Program Summary

What is the GM ASEP Program? General Motors Automotive Service Educational Program (GM ASEP) is a two-year automotive technician program designed by Cerritos College and General Motors to prepare technicians for the workforce. The program provides classroom and hands-on instruction as well as work experience at a local dealership. At the end of the program, graduates will earn an Associate's degree and are eligible to become Automotive Service Excellence (ASE) certified through national certification exams, www.ase.com.

What skills should technicians have? Technicians need to possess a strong understanding of the mechanical components that make up a vehicle and the computer control systems that can cause them to malfunction. You will need excellent diagnostic and problem-solving skills, good hand-eye coordination and manual dexterity to make repairs. You will also need to learn how to use an array of tools, equipment and instruments associated with the trade. Welding and customer service skills could also be beneficial.

What do automotive technicians do for a living? Technicians are responsible for inspecting, repairing and maintaining vehicles. In recent years, the systems and components of these vehicles have become more complex. Technicians need the skills to work not only with special tools and diagnostic equipment, but also with sophisticated electronics and computer systems. As a technician, you may find yourself performing basic maintenance along with diagnosing and repair of the following systems: engine repair, manual drivetrain and axles, automatic transmission/transaxles, suspension & steering, electrical/electronics, brakes, air conditioning, and engine performance.

Why should I consider studying under the GM ASEP program? We have years of experience training students on General Motors specific products and understand exactly what technicians need to be successful on the job. In fact, the GM ASEP program was designed by General Motors and Cerritos College. GM ASEP students have access to General Motors' online employee training program and work at a General Motors Dealership for 4 semesters while in the program. Graduates of GM ASEP at Cerritos College will have two certificates, General Motors Essentials and General Motors Advanced, along with an A.A. Degree in Automotive Technology. They will also be General Motors certified and have a year and a half of work experience behind them.

When does the GM ASEP program begin? The GM ASEP Program starts in August during the Fall semester every **ODD** year. See the department website at <http://cms.cerritos.edu/auto/asep.htm> for exact start dates.

When do I attend school and when do I go to work? During the first semester of the program, you are not required to enroll in work experience. The first semester is designed to give you the necessary skills to gain employment during the second semester. Starting the second semester, you will need to enroll in a work experience class once per semester. Most students are available to work in the mornings on Tuesday, Wednesday, and Thursday. Mondays and Fridays are the busiest days at dealerships and students will be working those days. Some students will be working an alternating Saturday, but that depends on the dealership or AC Delco repair facility.

What would my class and work schedule be? Automotive classes will be taught in a hybrid format meaning the classroom portion will be online and students will only be required to be on campus for lab Tuesday, Wednesday, and Thursday afternoons. Students can enroll in general education courses during times that work best based on their work schedule.

What costs are associated with the program? As of 2012, tuition for California residents is \$46.00 per unit. Additional costs include student ID fees, health fees, parking fees, lab fees, and transportation to and from work. All tuition and other fees are the responsibility of the student. Financial aid is available for those who qualify. Non-residents and international students should consult the Cerritos College catalog for accurate tuition fees at www.cerritos.edu/catalog.

What is sponsorship and how does it apply to me? To successfully complete the GM ASEP program, students must complete 4 semesters of work experience at a sponsoring General Motors Dealership or AC Delco repair shop. Securing sponsorship or a job is solely up to the student, however, guidance and support is available through Cerritos College faculty coordinators and staff. Students are typically paid hourly and pay rate varies depending on experience. Unpaid internship hours can be used for your work experience classes.

This cooperative training program is allowed by Education Code 55252, Alternate Work Experience.

Application & Registration Procedure

1. Complete the Cerritos College Application at www.cerritos.edu.
Note: After your application has been processed by the admissions office, you will receive a student number by email. Keep your student number in a safe place; you will need it many times.
2. Complete the GM ASEP Application online at <http://cms.cerritos.edu/auto/asep.htm>
All applications must be turned in by the deadline. See the department website for details.
3. Take the Math, English and Reading placement exams at the Assessment Center. Download a testing schedule or study guide at <http://cms.cerritos.edu/assessment-center/>.
4. If you are a new student at Cerritos College, attend the New Student Orientation in-person or online thru MyCerritos. In-person appointments can be made by calling the Counseling Office at (562) 860-2451 x2231. *Continuing and transfer students are waived from this requirement.*
5. If you are a new student at Cerritos College, you must see a counselor. Attend the New Student Orientation to meet this requirement or make an appointment with the Counseling Center by calling (562) 860-2451 x2231. *Continuing and transfer students are waived from this requirement.*
6. Have your resume and DMV driving record ready for dealer interviews.
7. Attend a mandatory ASEP orientation; there may be multiple meetings. Times and locations TBA.
8. Once sponsored, turn in your Dealer Approval Form to your ASEP Coordinator on the first class meeting.
9. Pay for your classes at the time of registration. Students who do not pay within 5 days are automatically dropped from their classes. NO EXCEPTIONS.
10. Apply for financial aid at www.fafsa.gov.

Candidate Selection Process

How are students selected for the GM ASEP Program? Students who secured sponsorship are enrolled first. Students who have all their requirements met are enrolled (by application date) second. Students who have missing requirements are enrolled (by application date) last.

What happens if I do not finish my requirements in time? *New students who HAVE NOT taken their assessment exams, attended a new student orientation and met with a counselor CANNOT be registered.*

Registration

How do I register for the first semester of the program?

First semester class: Auto 200 – GM Fundamentals is reserved for GM ASEP applicants only. The *GM ASEP Coordinator will register students for this class on the first day of class.* Plan to pay for the class on this day.

How do I register for the remainder of the program? *GM ASEP students are given priority registration starting the 2nd semester of the program and are responsible for signing-up for all their classes using MyCerritos.* To find out which classes to take and when you can register, visit the Corporate Student Center at <http://cms.cerritos.edu/auto/corporate.htm>.

Classes & Schedule

Schedule. GM ASEP students follow a structured class schedule. When on campus, plan to be here Monday thru Thursday all day (generally from 7:00AM-5:30PM). General education classes typically run in the morning (7:00-11:30AM) or evening (6:00-10:00PM) and automotive class labs are held Tuesday/Wednesday/Thursday (2:00-5:00PM) but classroom assignments will be completed online. Typical work experience schedules are Monday thru Friday 8:00AM-5:00PM, but some employers may only need you part-time or on weekends.

GM ASEP students are encouraged by General Motors to complete an Associate in Arts Degree (Automotive Technology, Manufacture Specialty). To earn an Associate's degree under Plan "A" you must complete automotive classes and general education classes. General education classes are offered in 9-week sessions as well as online.

| <u>Semester</u> | <u>Courses</u> |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fall | Auto 200 - GM Fundamentals (First 6-weeks) Auto 205 - GM Braking Systems (Second 6-weeks) Auto 206 - GM Electrical Systems 1 (Third 6-weeks) (Note: No Work Experience in 1st Semester) |
| Spring | Auto 201 - GM Engine Repair (First 6-weeks) Auto 203 - GM Manual Drivetrain and Axle (Second 6-weeks) Auto 208 - GM Engine Performance 1 (Third 6-weeks) Auto 73 - Work Experience |
| Summer | Auto 204 - GM Suspension and Steering Systems (First 6-weeks) Auto 216 - GM Electrical Systems 2 (Second 6-weeks) Auto 73 - Work Experience |
| Fall | Auto 202 - GM Automatic Transaxle/Transmission (First 6-weeks) Auto 207 - GM HVAC Systems (Second 6-weeks) Auto 209 - GM Diesel Technology (Third 6-weeks) Auto 73 - Work Experience |
| Spring | Auto 226 - GM Electrical Systems 3 (First 6-weeks) Auto 218 - GM Engine Performance 2 (Second 6-weeks) Auto 73 - Work Experience |

Note: All technical classes will be 3-unit hybrid courses that include 36 lecture hours and 54 lab hours of instruction.

Sponsorship

Sponsorship. To successfully complete the GM ASEP program, you must take 4 semesters of work experience (Auto 73) at a sponsoring General Motors Dealership or AC Delco repair shop. The purpose of work experience is to give you an opportunity to apply the skills you learn at Cerritos College to real life situations. As an apprentice, it is ideal that you work side by side with a veteran technician repairing and maintaining vehicles. However, there may be times when your employer will want to see how you conduct yourself as an employee before taking you on as an apprentice. They may start you as a porter washing cars or changing oil on the lube rack. If you are offered a position, TAKE THE JOB! Having a job makes you a General Motors employee. As a student with a job you will have access to General Motors' web-based training modules. In just a few months, with a little experience under your belt, you will be qualified to do much more than washing cars or changing oil.

Do I get paid to work? Interns are typically paid between \$12.00 and \$15.00 an hour depending on experience. However, unpaid internship hours can be used for your work experience classes.

Do I find my own sponsor? Securing sponsorship is solely up to you, however, guidance and support is available through the Cerritos College faculty coordinator and staff.

How do I find a sponsor/job? You will need a resume, interview skills and a DESIRE to find a job. The very first thing you need to do is to get motivated and excited. Many of our graduates are still working for their original sponsoring dealer. They are making good money and love what they do. THAT COULD BE YOU! Second, you need to be equipped with all the right tools and skills that are going to help you land that job. Here are some tips to help you along the way.

- 1) **Educate yourself about the GM ASEP program.** You will have to explain the program to your future employer. Know how the GM ASEP program works and what you will be learning. When will you be in school? When will you be at work? What skills can you contribute to their business by being involved in this program?
- 2) **Develop a resume that outlines your educational background and work experience.** Do not forget to include any automotive experience you have, even if it includes personal projects or classes you have taken. Employers want to know that you have an interest in automotive and that you are capable of using your hands and mind to solve technical problems.
- 3) **Be able to show that you are responsible and qualified to work at a dealership.** Go to the DMV and get a printout of your driving record. Employers cannot hire you unless you have a driver's license and clean driving record. Also, if you are proud of your previous grades include in a copy of your unofficial transcripts in your packet.
- 4) **Plan your search.** You need to find work at a General Motors Dealership or AC Delco repair shop to graduate from the GM ASEP program. Find out where all the General Motors Dealerships are in your area. Develop a list of dealerships you want to visit and put them in priority order. <http://www.gm.com/vehicles/dealerLocator.html> is a great website to use. Remember, other students who live in your area are looking for a sponsorship as well. Once you hit all the dealers within a 15 miles radius, expand your search to cover other areas in Los Angeles Country or Orange Country.
- 5) **Practice your interview skills before talking with a service manager.** You never know when you will get your interview. Your first meeting may be the only opportunity you have to impress a potential employer. Think about what they may want to know when you ask for a sponsorship. Come up with some good responses. If you feel that your first meeting did not go well, write down the questions you were asked and practice better responses. It is likely that the next service manager will ask similar questions.
- 6) **Plan to dress for the job you want.** Cerritos College automotive shirts should be worn to your interviews. You can purchase an automotive shirt at the Cerritos College bookstore.

Sponsorship – Continued

- 7) **More jobs are found in person than over the phone.** The culture of the industry demands that you drive down to a dealership and talk with a service manager about being sponsored. He or she wants to meet you. They want to know how you come across as a potential employee and what skills or interests you already possess. They may also want to talk with you about your desire of becoming a technician. Do you really have the skills and mindset of being a good tech? In addition, the ability to hand them a packet (resume/DMV record/transcript) about yourself and the program gives them time to review your credentials after your brief meeting. They are more likely to review a printed packet than an email they can easily delete from their inbox.
- 8) **Do not give up.** On your way out of the dealership, you should have grabbed the service manager's business card—or at least their name. You can always call the dealership's receptionist to get the service managers contact information. Within 2-3 business days of meeting, send a thank you email to the service manager. Thank them for their time. Attached electronic copies of your credentials so they can review them if they have not had a chance to. If they give you any indication that they may be able to hire you or promise to call you back but do not, follow up with a phone call in a few weeks. Sometimes, service managers may not be able to hire you. They may not have the money or space. Use good judgment when handling these situations. You do not want to pester the service managers.
- 9) **Follow through.** Once you get a job, do what you can to keep your job. Show up on time, be responsible, learn as much as you can and make some friends. Always remember, your employer hired you and is paying you to do a job.

What if I don't find a sponsor in time? It is typical for someone with little or no automotive background to experience having trouble finding a sponsor right away. Stay in the program and keep looking for work regularly.

- 1) **Our faculty and staff are available to answer any questions you or your future employer may have.** Joe Mulleary is the GM ASEP Coordinator. (see cover page for contact information)
- 2) **We have a Job Placement Office on campus that helps students create resumes and prepare for interviews.** Call (562) 860-2451 x2356 for a personalized resume building session, interview skills and/or a mock interview session with a career counselor. Appointments must be made 2 weeks in advance. If you already have a resume, you can bring it by for a professional review and tips. You may drop your resume and pick it up during office hours. The reviewing process takes seven business days.

Office Hours:

| | |
|----------------------|---------------------------------------------------------------------------------------------|
| Monday & Thursday | 8:00 a.m. to 4:30 p.m. |
| Tuesday & Wednesday | 8:00 a.m. to 7:00 p.m. |
| Friday | 8:00 a.m. to 12:00 noon (Closed on Fridays in June & July) |
| (562) 860-2451 x2366 | http://cms.cerritos.edu/job-placement/ |

Information about resume writing and interview skills can also be found on their website at <http://cms.cerritos.edu/job-placement/student-services/resume-assistance.htm>

CERRITOS COLLEGE DEALER SPONSORSHIP AGREEMENT

Applicant name: _____ Date: _____

Student number: _____ Birthdate: _____

1. DEALER INTERVIEW: Discuss the following subjects with applicant. Satisfy yourself that the applicant meets your standard.
2. EDUCATION & EXPERIENCE: Every applicant will have a unique background. Prior training or experience is not essential for success, but may be valuable in certain instances.
3. SCHOLASTIC APTITUDE: Review the applicant's potential to complete the academic work required for graduation. This can be determined by interview, testing, and consultation with the college or high school.
4. EMPLOYABILITY: The applicant should be viewed as seeking permanent employment. Is this person someone you could employ full time, once the required skills are learned?
5. CAREER INTEREST: The applicant should express a strong desire to be a professional automobile technician. Are his/her goals consistent with the dealership's needs for the next few years?

DEALER APPROVAL: I recommend this applicant for the Cerritos College Manufacturer Specialty Program and agree to provide sponsorship should he/she be accepted into the program.

Dealer/Authorized Representative Title

Dealership Telephone

Address City State Zip

Scholarships

Scholarships. Several scholarship opportunities are available to Cerritos College automotive students. Visit the Scholarship Opportunities webpage at <http://cms.cerritos.edu/auto/scholarships.htm> for more information.

How can I apply for scholarships? General and automotive scholarship applications are electronic and can be found on the websites below.

General Scholarship Applications

<https://cms.cerritos.edu/foundation/scholarships/>

Automotive Scholarship Applications

<https://cms.cerritos.edu/foundation/scholarships/automotive.htm>

Other Automotive Related Scholarships Sites

www.sema.org/scholarships

Important Policies

Uniform Policy. The GM ASEP Program at Cerritos College is comparable to the function and operation of a General Motors Dealership. It is important for students/employees to look professional, as they represent the occupation in which they are involved. Uniforms are required at both school and work for safety reasons and to promote a neat appearance while working with customers.

One of the goals of the GM ASEP Program is to help students develop their full potential in becoming an automotive service technician. To achieve this goal, the professional approach is stressed, part of which wearing a uniform is required. To that end, the following requirements have been adopted:

1. The student must wear a Cerritos College Automotive Uniform or a uniform provided by his/her dealership
2. Uniforms will be worn whenever classroom or lab activities are being performed

Attendance. It is the responsibility of student to attend classes regularly and apply themselves to the classes in which they are enrolled. Students should report planned and unplanned absences directly to their instructors. Students who are absent in excess are subject to drop. *Students who are absent or tardy on the first day of class are also subject to being dropped from the class.*

Drops. It is the responsibility of the student to drop classes when desired. Consult the schedule of classes or the college calendar at <http://www.cerritos.edu/default/calendar.aspx> for deadlines.

Corporate Student Center

The Corporate Student Center is a place online where you can access all the tools and information you need to be a successful student—view your upcoming school schedule, find out when to register, register for classes, locate another department on campus, and much more. You can access the center by visiting us online at <http://cms.cerritos.edu/auto/corporate.htm>.

MyCerritos

MyCerritos is an online program where students can register for classes, pay tuition, download unofficial transcripts, view financial aid related information and much more.

How do I get a MyCerritos account? Your MyCerritos account is automatically set-up once your college application is processed. You will know your application has been accepted once you receive an email from the school with your student ID number. Applications generally take 48 business hours to process.

How do I login to MyCerritos? Go to www.cerritos.edu. Click on the MyCerritos link. To sign in, enter your 7-digit student number as your *User ID* and your 6-digit birthdate (MMDDYY) as your *Password*.

How do I use MyCerritos? Once you are logged into your MyCerritos account, click on the *Student Center* link to view your academic and financial information or click on one of the *Quick Links* to perform a task. If you need help using MyCerritos, download the Student Guide by clicking on the help link, which is located on the top far right side of the main page.

Schedules Plus

Schedules Plus is an online program that allows you to view all the classes that are being offered for the upcoming or current semester.

Where can I access Schedules Plus? Visit <http://www.cerritos.edu/schedule/>. Anyone can view the college class schedule.

How do I use Schedules Plus? Select the semester, term, and subject you wish to view. Then, click View Departments. Select the classes you wish to view. Then, click View Courses. The status of the class will read Open or Waitlisted, showing whether you can add the class or add to the waitlist.

Program Costs

Tuition Costs for California Residents. Tuition is determined by the state of California. As of 2012, tuition is \$46 per unit. See a list of estimated costs in the chart below; totals do not include additional prerequisite courses and tools. Tuition and fees are subject to change without notice. Plan to pay your tuition 2-3 months before each semester begins at the time of registration. For example, the spring session always starts in January. However, you will register and pay for classes in October. Tuition and fees are paid as you go, not all at once.

| <u>Semester/Start</u> | <u>Courses</u> | <u>Units</u> | <u>Costs</u> |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|
| (1) Fall/August | Auto 200 - GM Fundamentals (3 units) Auto 205 - GM Braking Systems (3 units) Auto 206 - GM Electrical Systems 1 (3 units) Other Fees (health, activity, parking, lab) | | \$116 |
| | Total semester costs | | \$530 |
| (2) Spring/January | Auto 201 - GM Engine Repair (3 units) Auto 203 - GM Manual Drivetrain and Axle (3 units) Auto 208 - GM Engine Performance 1 (3 units) Auto 73 - Work Experience (3 units) Other Fees (health, activity, parking, lab) | | \$116 |
| | Total semester costs | | \$668 |
| (3) Summer/May | Auto 204 - GM Suspension and Steering Systems (3 units) Auto 216 - GM Electrical Systems 2 (3 units) Auto 73 - Work Experience (3 units) Other Fees (health, activity, parking, lab) | | \$77 |
| | Total semester costs | | \$491 |
| (4) Fall/August | Auto 202 - GM Automatic Transaxle/Transmission (3 units) Auto 207 - GM HVAC Systems (3 units) Auto 209 - GM Diesel Technology (3 units) Auto 73 - Work Experience (3 units) Other Fees (health, activity, parking, lab) | | \$116 |
| | Total semester costs | | \$668 |
| (5) Spring/January | Auto 226 - GM Electrical Systems 3 (3 units) Auto 218 - GM Engine Performance 2 (3 units) Auto 73 - Work Experience (3 units) Other Fees (health, activity, parking, lab) | | \$101 |
| | Total semester costs | | \$515 |
| | Totals | 51 units | \$2872 |

***Fees subject to change**

Tools

Tools. Technicians are required to have their own tools. Below is a general list of what technicians might need. On average, students spend between \$2,000 and 3,000 collecting tools. They pay for them using their financial aid funds or money earned on the job.

It is recommended that you wait to make purchases until you are sponsored or in the second year of the program. You will figure out what you need with time. Ask your instructors for more advice on which tools to buy and when. They will also have information about the Matco, Snap-On Tools and Mac Tools student discount (up to 60% off).

1/4" Drive U.S. & Metric

- 1 Drive ratchet 4/5" in length
- 1 Drive socket set
- 1 Extension 2"
- 1 Extension 6"
- 1 Drive handle

3/8" Drive U.S. & Metric

- 1 Drive ratchet 8" in length
- 1 Drive extension 1"
- 1 Drive extension 3"
- 1 Drive extension 12"
- 1 Drive deep socket set 6 pt.
- 1 Drive spark plug flex socket 5/8"
- 1 Drive spark plug flex socket 3/16"
- 1 Universal joint
- 1 Drive deep metric sockets: 6-19 mm

1/2 Drive U.S. & Metric

- 1 Drive ratchet 10" in length
- 1 Drive socket set 7/16 thru 1"
- 1 Breaker bar 18"
- 1 Drive extension 3"
- 1 Drive extension 10"
- 1 Adapter 1/4-3/8"
- 1 Adapter 3/8-1/2"
- 1 Drive impact socket 3/4" & 13/16"
- 1 Drive impact socket 19mm

Wrenches

- 1 Set combination box-open end 1/4-1"
- 1 Set metric combination 7-19mm
- 1 Set Allen wrenches-standard shank
- 1 Set metric Allen wrenches
- 1 Set standard flare nut wrenches
- 1 Set metric flare nut wrenches
- 1 Adjustable wrench 10"

Screwdrivers

- 5 Straight blades 1 each: stub, small, medium, medium large, and large
- 3 Phillips screwdrivers #1, #2, and #3
- 1 Set Torx drive screwdrivers

Pliers

- 1 Pair slip joint
- 1 Pair diagonal cutting
- 1 Pair needle nose
- 1 Pair adjustable joint (channel lock) 12"
- 1 Pair vise-grip 10"

Miscellaneous Tools

- 1 Tool Box, with lockable drawers
- 2 Center punch
- 3 Punches 1/8, 3/16, and 5/16"
- 2 Chisels 7/16 and 5/8"
- 1 Plastic tip hammer
- 1 Set of ball-peen hammers
- 1 Rubber mallet
- 1 Pair safety goggles/glasses (instructor approved)
- 1 Tire pressure gauge
- 1 Valve core remover
- 1 Hand file, flat w/handle 10"
- 1 Gasket scraper
- 1 Knife
- 1 Pry, pinch or crowbar
- 1 12 volt test light
- 1 Flash light w/batteries
- 1 Set flat feeler gauges U.S. & Metric
- 1 Oil filter wrenches
- 1 Brake tools: return and hold down
- 1 Brass drift
- 1 Tape Measure
- 1 Inspection mirror
- 1 Box latex gloves
- 1 Pick-up magnet
- 1 6" steel rule graduated in 1/64"
- 1 Spark plug gapping tool

**Cerritos College & General Motors
Automotive Service Educational Program
Student Application**

Name of Candidate: _____
Last First Middle

Student No: _____ Birth Date _____

Address: _____
(Include Apt. or Unit#) City State Zip

Email: _____ Phone: _____

Do you have a valid driver's license? Yes No

List any accidents or tickets your record may show: _____

Have you ever been convicted of a crime? Yes No

EDUCATIONAL BACKGROUND

High School Attended _____ Did you graduate? Yes-Year: _____ No

Did you earn a GED? Yes No

Have you attended classes at Cerritos College previously? Yes No

Have you attended another college previously? Yes No

Where? _____

Which assessment exams have you completed at Cerritos College? Math English Reading

WORK EXPERIENCE

Are you currently sponsored at a General Motors Dealership? Yes No

Where? _____

List other previous work experience: _____

Signature of applicant

Date

*Turn in applications to the Automotive Department Office, AT-17 or submit online at
<http://cms.cerritos.edu/auto/asep.htm>*