College of Southern Idaho, General Motors And ACDelco

Automotive Service Educational Program (ASEP)

Program Guide
College of Southern Idaho/General Motors
Automotive Service Educational Program

ASEP

WHAT'S IN IT FOR YOU?

You can become a technician who is...

- Trained on state of the art GM products and components.
- Employed and productive before completing college training.
- Trained on the latest diagnostic and service procedures.
- Trained to “fix it right” the first time.
- Prepared to advance when opportunity knocks because of training in broad areas such as math, science, computers and communication.

You will be entering a career field with earning potential limited only by your desire and willingness to work.

Earn while you learn at your co-op work site. It is possible to earn enough money during on-the-job training to completely offset the cost of your education.

BACKGROUND

Over the past twenty years, the automotive industry has experienced a technology revolution. Automotive systems have been designed today that were virtually non-existent a few short years ago. Complex computerized components and systems have been designed into all of the cars on the market today and only get more complex with each new model year.

To help meet the demands that technology has created in the automotive industry, a need for a new generation of automotive technicians has emerged. Men and women with the knowledge and expertise to diagnose and service the cars of today and on into tomorrow are in high demand.

The College of Southern Idaho and General Motors teamed up in 1982 by combining their resources and expertise to offer the Automotive Service Educational Program (ASEP). ASEP was designed specifically to educate the GM automotive technicians of tomorrow. Our program now includes ACDelco training and Service Center employment opportunities. Our students also have the opportunity to work for independent ACDelco repair centers as well as GM dealerships. This is your opportunity to become an automotive technician at General Motors.
important member of the General Motors dealers’ service team or ACDelco service team and to be on the cutting edge of an advancing career field.

THE PROGRAM

The ASEP program has been one of the most successful programs of its kind. There are several things that make ASEP different from other automotive service technology programs. One of these reasons is the level of expertise graduates obtain in the two-year program.

Receive In-depth Training
By using GM training material and focusing on GM products, students have the opportunity to learn more in-depth knowledge of vehicle systems. You learn a lot about a smaller number of vehicles instead of learning a little about a larger number of vehicles. This means that you will spend less time on the job having to research every different car you are working on, and more time earning money.

Earn a College Degree
Another reason the ASEP program is different from most others is that you earn a two-year Associate of Applied Science Degree. Most other programs only offer a Technical Certificate or a Certificate of Completion. Some of these programs also give you non-transferable credits. At the College of Southern Idaho, your credits will transfer to most other colleges and universities. With an Associate of Applied Science Degree, you will be a well-rounded technician and better meet the needs of a modern service department.

Earn While You Learn!
Possibly the biggest advantage of the ASEP program compared to others is that it is a cooperative program. Students are sponsored by GM dealerships or ACDelco service centers. Important hands-on training is acquired at the dealership while students work on late model vehicles. In addition, students earn a wage at the dealership while getting on-the-job training. Earn while you learn!

The ASEP program combines work in the classroom and lab with practical on-the-job experience in a GM dealer or ACDelco service center. Students spend approximately 60% of their two-year education at the college, and the other 40% working at the dealership. This is split into 4 sessions at the college, and 3 to 4 sessions at the dealership.

Join a Select Few
The College of Southern Idaho offers the only ASEP program for the Idaho, Montana and Wyoming area. We are a comprehensive community college located at 315 Falls Avenue in Twin Falls, Idaho. We have maintained a reputation of offering high quality technical and academic educational opportunities to all who wish to attend.

There are a limited number of spaces (16) available in the ASEP program and students are selected on the basis of admissions test scores and the candidate’s ability to secure...
a GM sponsor. Due to the co-op schedule and 8-week blocks, all necessary academic classes for the associate degree are scheduled accordingly during the two-year program. It is important that interested students and dealers sign up to participate in the program today.

Program Goal
Our goal is to provide the students with the knowledge and training required by an entry level technician to work on modern vehicles and provide life long learning skills that will be required as an automotive technician.

Program Mission
The mission of the automotive program is to help our students become the best entry level technicians they can be and to prepare them for a successful career at a General Motors dealership or ACDelco service center.

About CSI
CSI is committed to the success of its students academically, technically and socially. We are committed to providing the assistance to our students to help ensure their success in life at all levels. With a low student to teacher ratio, our students get the individual attention needed to be successful in life. We have many resources on our campus to help students deal with the struggles in their lives that may affect their learning opportunity.

The Instructors
David Rodriguez: ASEP instructor since 2001, 10 years of industry experience. Former ASEP graduate, ASE certified Master Technician, ASE Advanced Level Specialist, GM Master Technician certification with GM World Class technician status.

Robyn Swainston: ASEP instructor since 2006, 10 years of industry experience. Former ASEP graduate, ASE certified Master Technician, ASE Advanced Level Specialist, GM Master Technician certification with GM World Class technician status.

Employment Opportunity
The automotive service industry is experiencing a shortage of qualified technicians. According to the Department of Labor, there is currently a shortage of approximately 40,000 technicians with the demand constantly growing. With training as an ASEP student, you can go just about anywhere and find employment with a GM dealer or ACDelco service center. Please refer to the Occupational Outlook Handbook at www.dol.gov for more information on this and any other occupation.
ASEP KEY DATES
The College of Southern Idaho starts a new ASEP class every August and the schedule for the two year education is as follows:

1st Year

<table>
<thead>
<tr>
<th>SUMMER</th>
<th>8 WEEKS OF CO-OP WORK/TRAINING (OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>16 weeks at CSI receiving technical and academic training</td>
</tr>
<tr>
<td>Spring</td>
<td>First Half- 8-12 weeks of co-op work/training</td>
</tr>
<tr>
<td></td>
<td>Second Half- 8 weeks at CSI receiving technical and academic training</td>
</tr>
</tbody>
</table>

2nd Year

<table>
<thead>
<tr>
<th>SUMMER</th>
<th>8-14 WEEKS OF CO-OP WORK/TRAINING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>First Half- 8 weeks at CSI receiving technical and academic training</td>
</tr>
<tr>
<td></td>
<td>Second Half- 8-12 weeks of co-op work/training</td>
</tr>
<tr>
<td>Spring</td>
<td>16 weeks at CSI receiving technical and academic training- Graduation</td>
</tr>
</tbody>
</table>

Courses Required for the ASEP Program
The following are courses that need to be taken to complete the ASEP program. They are pre-scheduled for our program and students are registered by the intake advisor or the instructors/advisors.

AUTOMOTIVE REQUIREMENTS
AUTT 101 Automotive Technology Fundamentals
AUTT 103 Automotive H.V.A/C
AUTT 104 Automotive Engine Performance
AUTT 105 Automotive Braking Systems
AUTT 106 Automotive Engine Repair
AUTT 107 Automotive Electrical/Electronics
AUTT 108 Steering & Suspension
AUTT 109 Automotive Powertrain
AUTT 201 Adv Automotive Tech Fundamentals
AUTT 204 Adv Automotive Engine Performance
AUTT 205 Adv Automotive Braking Systems
AUTT 206 Adv Automotive Engine Repair
AUTT 207 Adv Electrical/Electronics 1
AUTT 208 Advanced Steering and Suspension
AUTT 209 Adv Automotive Powertrain
AUTT 211 Adv Electrical/Electronics 2
AUTT 285 Cooperative Education (3 sessions)

RECOMMENDED CORE REQUIREMENTS
COMM 101 Fundamentals of Oral Communication
ENGL 101 English Composition 1
MATH 123 Math in Modern Society
HIST 102 Western Civilization 2
CHEM 100 Extraordinary Chemistry for Everyone
This is not necessarily a requirement of CSI for graduation, but certain computer competencies are required. Students may have the option of testing out of this course.
RESPONSIBILITIES OF ASEP PARTICIPANTS

COLLEGE OF SOUTHERN IDAHO
  • Identify a person with administrative responsibility for ASEP at the college.
  • Assist dealers with student selection and recruiting.
  • Provide on-campus instruction in accordance with approved ASEP and NATEF curriculum.
  • Maintain student records.
  • Keep sponsoring dealers aware of student academic progress.
  • Provide academic advisement and tutoring when necessary.
  • Identify competencies to be gained during career experience at sponsoring dealerships.
  • Work with dealer to assure attainment of career experience competencies.
  • Provide means to maintain instructor competency with current GM technology.

PROSPECTIVE STUDENT
  • Fulfill all requirements to gain acceptance into the program.
  • Obtain a GM or ACDelco sponsor and maintain sponsorship to remain in program.
  • Maintain academic standards.
  • Participate in all learning activities at the scheduled times.
  • Provide sponsoring dealers with responsible and productive employment.
  • Provide for program costs: tuition, fees, books, tools, housing, etc.
  • Pass at least 1 ASE certification test for graduation requirements.

GENERAL MOTORS DEALER
  • Identify interest in being a sponsoring dealer so a name can be made available to interested students.
  • Interview and select prospective students.
  • Agree to provide dealership-coordinated work experience in accordance with the program schedule and for the duration of the curriculum.
  • Appoint an in-dealership student trainer to help trainee achieve maximum productivity level and to work with the College of Southern Idaho coordinator.
  • Provide related work experience while assigned to the dealership that supplements trainee’s most recent instruction (if within dealer’s capability to do so).
  • Agree to pay trainee during periods of dealership-coordinated work experience at a mutually agreeable and competitive rate.
  • Provide the student employee with work uniforms for wear at the worksite.
  • Provide fringe benefits in a manner consistent with those provided for other dealership employees.

GENERAL MOTORS CORPORATION
  • Provide GM training for involved college instructors.
  • Furnish college with GM vehicles and components.
  • Provide college with essential training materials.
  • Oversee and participate in student selection procedure.
  • Monitor all phases of the ASEP program to assure its success.
  • Participate in the ASEP promotional plan.
FINANCIAL PLANNING GUIDE

In addition to the cost of tuition, fees, housing and meals, you are required to have a tool set for the CSI ASEP program. These tools will travel back and forth with you between the school and your sponsoring work site.

The brand of tools you choose to purchase will determine the actual cost. The tools could be as little as $600 up to $2300 dollars, depending on the quality and brand of the tools chosen. There will also be the additional cost of a suitable toolbox to store and secure the tools.

The College of Southern Idaho works closely with Snap-on, MATCO and Craftsman to provide the students with discounts. Snap-On and MATCO offer 50-65% off and Craftsman offers 15% off of their tool packages. Other tool vendors also offer great discounts to technical students. Upon completing all of the requirements for acceptance into the program, tool information will be sent to so that you may begin the ordering process if this is the option you choose.

On the following page is a suggested tool list. It can be added to, but it is not recommended that tools be taken away from it.
Recommended Tool List

"Tool list provided is for information only, any brand or quality may be used. “

Safety glasses
Hacksaw 12"
Hammer; 12 oz. plastic tip
Gasket scraper
Hammer; 32 oz. ball peen
Hammer; 12 oz. ball peen
Rule 6" flex
Scriber; carbide-tip
Feeler gauge: offset 26 leaf
Hearing protection
Test light
10 piece screwdriver set
Pick tool set
Torque wrench 0-150 ft. lb.
Socket adapter 3/8"F-1/2"M
Socket adapter 1/2" 3/8"M
Torx socket driver set: T10-T50
Punch and chisel set
Standard combination wrench set: 5/16-1 1/4"
Metric combination wrench set: 8mm-21mm
Metric flare wrench set
Arc-joint pliers
Slip-joint pliers
Snap ring pliers set
Pliers 7" diagonal cut
Pliers 6" long nose
Locking pliers 7 1/2" straight
10" Crescent wrench
Ratchet 1/4" drive
3/8" drive ratchet
3/8" extension set
1/2" drive ratchet
1/2" extension set
1/2" breaker bar (15" or 18")
Standard shallow 1/4" drive 6-point socket set: 9/32-1/2
Standard deep 1/4" drive 6-point socket set: 9/32-1/2
Metric shallow 1/4" drive 6-point socket set: 5mm-15mm
Metric deep 1/4" drive 6-point socket set: 5mm-15mm
Standard shallow 3/8" drive 6-point socket set: 3/8 - 7/8
Standard deep 3/8" drive 6-point socket set: 3/8 - 7/8
Metric shallow 3/8" drive 6-point socket set: 8mm-19mm
Metric deep 3/8" drive 6-point socket set: 8mm-19mm
3/8" drive 5/8" spark plug socket
3/8" drive 13/16" spark plug socket
Standard shallow 1/2" drive 6-point socket set: 7/16-1 1/4
Standard deep 1/2" drive 6-point socket set: 7/16-1 1/4
Metric shallow 1/2" drive 6-point socket set: 10mm-24mm
Metric deep 1/2" drive 6-point socket set: 10mm-24mm
COLLEGE TESTING PROGRAM
FOR
ASEP APPLICANTS

Individuals applying for the ASEP program must be able to meet or exceed specified standards on assessment instruments as a condition for acceptance into the program. CSI requires that all students take the COMPASS placement test, which is free of charge. The purpose of this testing program is to determine whether or not the applicant has the reading comprehension, English language, mathematics and mechanical reasoning skills needed for success in the automotive service and repair industry, and for entry into the ASEP program courses.

Mechanical Reasoning Skills can be assessed with the Mechanical Reasoning test. This test consists of 30 pictorials and multiple choice questions. There is a 20 minute time limit for this test. It measures the applicant’s ability to understand the principles of mechanical operations and the laws of physics as they arise in everyday situations. This test yields percentiles and applicant scores should be 50% or higher to meet entry requirements. It may be necessary to take this test at the College of Southern Idaho campus.

All test results are reviewed with you by our ASEP intake advisor who has responsibility for advising ASEP students. Where deficiencies are identified, applicants are given information about developmental courses or programs at CSI through which skills may be strengthened.

KEY POINTS TO REMEMBER WHEN PREPARING FOR INTERVIEWS WITH DEALERS

- Some dealers may not choose to participate or be allocated ASEP trainee slots.
- When looking for a sponsor, you are looking for a job. Sell yourself! The CSI ASEP intake advisor is available to give you tips for the interview process.
- GM dealerships are independent businesses, not GM employees.

IN THE INTERVIEW:

- Be prepared
- Be prompt
- Be neat and clean
- Dress accordingly, pay special attention to your overall appearance
- Most importantly, be confident of your goals and skills!

Remember: Your major objective is to convince the dealer that you will make a good employee.
COLLEGE OF SOUTHERN IDAHO/ GENERAL MOTORS AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM

In cooperation with the College of Southern Idaho, General Motors offers the Automotive Service Educational Program (ASEP)

**ASEP is:**
- Two years of education leading to an Associate of Applied Science Degree.
- A learning opportunity in which a student alternates between full-time classes and live work experience for several weeks at a time.
- An opportunity to earn while you learn at a GM or ACDelco sponsor.
- Current GM technology taught in the classroom.
- College credits that are transferable.

---

**Important**

**DO NOT WAIT!** Complete the ASEP pre-registration form on the following page and send it to the address below. As soon as possible, the college will contact you!

ATTN: David Rodriguez  
College of Southern Idaho  
P.O. Box 1238  
Twin Falls, ID 83301
WHO TO CONTACT FOR ADDITIONAL ASEP INFORMATION

David Rodriguez  
ASEP Instructor  
208-732-6334  
drodriguez@csi.edu

Robyn Swainston  
ASEP Instructor  
208-732-6332  
rswainston@csi.edu

FAX number: 208-736-2137

For out of town-call (in Idaho) toll free at: 1-800-680-0274

For information on any of our more that 40 technical and 60 academic programs at CSI, contact the Student Information office at: 208-732-6221

Check list:
- Apply and be accepted to CSI
- Take COMPASS exam or equivalent
- Interview with program advisor (bring COMPASS scores with you)
- Meet minimum COMPASS score levels set by advisors
- Obtain GM or ACDelco sponsor and have sponsorship agreement form signed
- Register for first semester
- Pay first semester tuition and fees

We look forward to working with you!