



Automotive Service Educational Program Information Guide



2018-2020

**CUYAHOGA COMMUNITY COLLEGE
AUTOMOTIVE TECHNOLOGY**

**CUYAHOGA COMMUNITY COLLEGE
GENERAL MOTORS AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM
(GM ASEP)**

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GM ASEP

General Motors Automotive Service Educational Program

WHAT IS GM ASEP?

Responding to the need for qualified technicians, the GM Automotive Service Educational Program (ASEP) allows GM dealerships and ACDelco Professional Service Centers (PSC) to participate in the program that brings qualified students together with these facilities. GM ASEP incorporates advanced automotive technical training with a strong academic foundation in both analytical and technical skills. Students earn an Associate Degree of Applied Science while working and learning on the job resulting in a solid education combined with invaluable work experience.

WHAT IS THE PURPOSE OF GM ASEP?

The purpose of GM ASEP is to upgrade the technical competency and professional level of incoming students. GM ASEP trains students to diagnose, service and maintain General Motors vehicles using recommended procedures, special tools and service information.

HOW DOES IT WORK?

The five-semester program includes approximately half the time designated for technical academic training at Cuyahoga Community College. The remaining time is allocated for on-the-job experience at the sponsoring GM dealership or ACDelco PSC shop. Each block of technical training and general education coursework is followed by work experience that reinforces the technical training.

WHAT SUBJECTS ARE STUDIED?

The GM ASEP program consists of technical training on General Motors vehicles and components including the latest developments in Engine Repair, Heating & Air Conditioning, Manual Transmission and Drivetrain, Alignment, Steering and Suspension, Automatic Transmissions, Braking Systems, Electrical Systems and Engine Performance.

In addition to the technical curriculum, courses are required in Math, Communication, Composition, Psychology, Sociology and Personal Finance to provide students with the background necessary for effective communication of ideas and the development of interpersonal skills.

WHAT IS THE PURPOSE OF THE INTERNSHIP EXPERIENCE AT THE DEALERSHIP?

The internship allows the student to apply (in a real world setting) what he/she has learned during the previous classroom session. In addition, the student becomes familiar with the dealership environment, its organizational structure, and the competencies that are expected of a professional service technician.

WHAT IS REQUIRED TO QUALIFY AS A PROSPECTIVE GM ASEP STUDENT?

The prospective student must be:

- 18 years of age by the time of the first internship.
- High School Graduate or equivalent.
- Able to meet Tri-C and GM ASEP admission and academic requirements.
- Sponsored by a General Motors Dealer or ACDelco PSC shop.
- Possess a valid driver's license and maintain an employable driving record.
- Willing to take a drug test if requested by Dealer Sponsor.

GM ASEP ADMISSION PROCEDURES AND REQUIREMENTS

- ❑ Complete the *Application for Admission* to the College itself.
Submit your official transcripts from high schools and colleges attended or your GED scores to:
Office of the Registrar
P.O. Box 5966
Cleveland, OH 44101

- ❑ Complete the *Application for Admission to the General Motors Automotive Service Educational Program* (GM ASEP).
Include a letter of recommendation from your high school or college automotive instructor, (if applicable).

- ❑ Take the English and Mathematics Assessment/Placement tests at the Assessment and Testing Services Center (WTLC – GT115) in The Learning Center.
Students need to assess at Math 0990 and English 1010 or higher to gain acceptance into the program.

- ❑ An interview with the GM ASEP College Coordinator will be scheduled and will include a tour of the ASEP classroom and a meet-n-greet.

- ❑ At this time an applicant shall secure a General Motors dealership worksite or ACDelco PSC shop worksite for the technical field experience portion of the program. Sponsorship is possible at all Chevrolet, Buick, Cadillac and GMC dealers; along with GM fleet operators and ACDelco PSC sites. Notify the GM ASEP College Coordinator as soon as your sponsoring dealer is determined.

Applicants who have met all of these requirements will receive written notification of acceptance into the General Motors Automotive Service Educational Program.



Application for Admission
General Motors Automotive Service Educational Program (GM ASEP)
 A NATEF Certified Program

To be considered for the GM ASEP program: 1) The application must be complete and signed 2) The applicant must be interviewed by the Program Coordinator, Kitty McCarthy. 3) There must be a recommendation from the high school instructor (where applicable).

(Please Print)

Personal Data

Last Name	First Name	Middle Initial
Street Address	City	State
		Zip Code
Date of Birth (including year)	Email Address	
Telephone Numbers: Cell		Home

Driving Record Data

Do you hold a valid driver's license? Yes [] No [] License # _____ Expiration Date _____

How many points do you have on your driver's license? _____

Would you be willing to submit a copy of your driving record? Yes [] No []

NOTE: If you have more than 4 points on your driver's license you **may** be denied acceptance into the GM ASEP program due to **dealership insurance carrier restrictions**.

Education

Please list your educational background beginning with the most current first:

<u>School/College</u> <u>Degrees/Diploma</u>	<u>Location</u>	<u>Dates Attended</u>	<u>Did you graduate?</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Formal Automotive Training

1. Did you attend a **high school** automotive program? Yes [] No [] If Yes, please indicate:

High School attended: _____ Graduation Year: _____

Career Center attended: _____ Graduation Year: _____

Qualities

List your strengths that make you a good candidate for a GM dealership.

List your weaknesses that you want to improve on to make you a better candidate for a GM dealership.

Work Experience

Work Experience (beginning with the most recent):

1. Employer Location Supervisor Telephone Dates: From - To

Duties: _____

2. Employer Location Supervisor Telephone Dates: From - To

Duties: _____

Statement

I hereby state that the information given above is true and correct. I understand that if I knowingly provided incorrect or false information that I may forfeit the opportunity to be selected as a participant in the GM ASEP Program.

In addition, I hereby authorize Cuyahoga Community College to release any placement test scores, final grades, college transcripts, and/or academic information, if requested, to the sponsoring GM dealership. I also hereby authorize the release of placement test scores, college transcripts and/or academic information to Cuyahoga Community College employees and/or any agency or private business for educational, scholarship, or employment purposes only.

Applicant's Signature: _____ Date: _____

Please return completed application to:
Cuyahoga Community College
Automotive Technology
Western Campus
11000 Pleasant Valley Road
Parma, OH 44130-5199

STUDENT FINANCIAL AID & SCHOLARSHIPS

- Submit a free Tri-C application online at www.tri-c.edu/apply.
- Declare your major as **Automotive Tech-GM/ASEP** as your course of study on the admissions application, through your My Tri-C Space, or at the Enrollment Center.
- Federal regulations require that you submit an official high school transcript or an official GED transcript to:
Office of the Registrar
P.O. Box 5966
Cleveland, OH 44101
- Complete the FAFSA online at www.fafsa.gov as early as possible. The Tri-C federal school code is 003040.
- Review the Electronic Notification of FAFSA results that you will receive from the U.S. Department of Education after your FAFSA has been processed.
- Examine your Financial Aid Award which states the financial aid funding that you may receive for the academic year.
 - ❖ Log on to your My Tri-C space at <http://my.tri-c.edu>.
 - ❖ Check your financial Aid status first by clicking on the Paying for College (in red) tab, then click on the Financial Aid (in green) button.
 - ❖ Return within 5 business days to verify that all items are processed and marked with a green check so the Financial Aid Office can complete your award.

Important Dates:

- ❖ January 1: You can begin to complete the FAFSA online at www.fafsa.gov
 - ❖ June 1: Suggested completion date for the fall semester.
- Note: You only need to submit the FAFSA once per academic year.*

Information regarding financial aid may be obtained by calling the Student Financial Aid Office at 216-987-6000 and selecting option 2.

Note: Tools required for the GM ASEP program are considered an educational expense and should be included in education costs when applying for financial aid.

GENERAL MOTORS
AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM (GM ASEP)
Proposed Course Sequence
2018-2020

FIRST YEAR

August 2018

<u>First Semester - Fall 2018</u>	1st Eight Weeks, Session A – At School	<u>Credit Hours</u>
AUTO-1502	Automotive Electrical Fundamentals	3
AUTO-1300	Automotive Engines	3
AUTO-1050	Numerical Applications in Automotive Service	3
ENG-1010	College Composition I	3
GEN-1070	First Year Success Seminar	1

October through December 2018 **2nd Eight Weeks, Session B – At the Dealership**

AUTO-1940	Automotive Field Experience I	1
Total Credits		14

January 2019

<u>Second Semester - Spring 2019</u>	1st Eight Weeks, Session A – At School	<u>Credit Hours</u>
AUTO-2310	Manual Transmission and Drivetrain	3
AUTO-1400	Automotive Alignment, Steering and Suspension	3
AUTO-1450	Automotive Braking Systems	3
MATH-XXXX	Mathematics 1000 level or higher - MATH 1100 recommended	3
COMM-1000	Fundamentals of Interpersonal Communication	3

March through May 2019 **2nd Eight Weeks, Session B – At the Dealership**

AUTO-1950	Automotive Field Experience II	1
Total Credits		16

May 2019

<u>Third Semester - Summer 2019</u>	1st Five Weeks, Session J – At School	<u>Credit Hours</u>
AUTO-2701	Automotive Service Operations	3
AUTO-2350	Automotive HVAC	2
AUTO-1510	Automotive Electrical Systems	3

July through August 2019 **2nd Five Weeks, Session K – At the Dealership**

AUTO-1960	Automotive Field Experience III	1
Total Credits		9

CUYAHOGA COMMUNITY COLLEGE GM ASEP TOOL LIST

Mill File, 10"	Hammer, 24 oz., Brass
¼" Drive Deep Socket Set, 3/16-9/16	Hack Saw
¼" Drive, Deep and Shallow Socket Set, Metric, 5.5, 7, 8, 10, 12 and 13mm	Blow Gun
¼" Drive Gen. Service Set	Ignition Tester
3/8" Drive Gen. Service Set	Combination Wrench Set, 3/8"-1"
3/8" Drive Deep and Shallow Socket Sets, Metric, 8-19mm	Combination Wrench Set, Metric 10-19mm
½" Drive Gen. Service Set	Combination Wrench, ¼"
Hex Key Set	Combination Wrench, 5/16"
Hex Key Set, Metric	Combination Wrenches, 6mm-9mm
Brake Hold Down Spring Tool	Gasket Scraper
Rubber Mallet	Pliers Set (Needle Nose, Side Cutter, Lock Joint)
Hammer, 24 oz.	Punch & Chisel Set
Brake Return Spring Tool	Magnetic Pick-Up Tool
Pliers, Adjustable Joint (water pump)	Wire Crimper/Stripper
Fender Cover	Flare Nut Wrench Set, Metric, (9-11 to 19-21mm)
12V Test Light	Flare Nut Wrench Set (1/4"-13/16")
Feeler Gauge Set	Screwdriver Set (Flat & PHILLIPS®)
TORX Drivers, T45, T50, T55	POZIDRIVE® Bits, #1 and #2
3/8 Drive, Extension, 11"	TORX® Bits, T10, T20, T25
Valve Tool	Pry Bar, 18"
Utility Knife	Screwdriver, Ratcheting, with bits
Inspection Mirror	¼" Drive Driver
Tire Air Chuck	Vise Grip, 10"
Oil Filter Wrench (small)	Tire Pressure Gauge
Oil Filter Wrench	Roll Cabinet
Rule, 6" Steel (150mm)	
½" Drive to 3/8" Drive Adaptor	
Safety Glasses	
File Handle	

Students are required to have a basic hand tool set for use at the dealership.

GENERAL MOTORS DEALER INFORMATION

SPONSOR BENEFITS

- Graduating students receive an equivalency of 85% STS credit, lowering your cost to train entry level technicians.
- Work with your local GM ASEP Community College to:
 - Recruit and reach qualified candidates.
 - Lower cost of recruitment and screening.
- Investing in your staff fosters a positive environment that helps retain loyal employees.
- Mold your own technician to the needs and expectations of your dealership.
- Strengthen the image of the dealership in the community by marketing the involvement with GM ASEP in partnership with Community Colleges.

HOW IT WORKS

- GM provides current vehicles, components, tools, and training materials to schools – giving students the opportunity to learn on today’s technology.
- All instructors are GM trained with knowledge in the latest GM technology trends using GM specific curriculum.
- Program consists of a combination of academics and real work experience throughout the two-year program.
- At the conclusion of the program, students earn an Associate degree.

WHAT DO I PAY A GM ASEP STUDENT?

The Tri-C GM ASEP Advisory Committee has recommended a student-starting wage of \$11.00 to \$13.00 per clock hour with incremental raises upon successful completion of each internship period. The rate of pay is however, negotiable, and is between you and the student. GM ASEP students base their value to the dealership on two important factors; the quality of training that is provided while on work experience at the dealership and prevailing wages. Successful people are motivated by a variety of things, but most expect to be rewarded in the form of an increase in salary. This is especially true when they are performing jobs well and continue to improve their skills and abilities. GM ASEP students are no different. A pay plan that rewards them for maintaining acceptable grades, doing quality work, and improving productivity and efficiency is essential.

GM ASEP students understand they are trainees, and do not expect to be paid a journeyman wage during the training program. However, many of the best students have bills to pay, and families to support. The Service Manager will do well to consider the student's situation to arrive at an acceptable starting wage and when developing the pay plan or any incentive schedule.

In today's increasingly competitive market, customer satisfaction and customer loyalty is the key to success and survival. For your dealership, the key to customer satisfaction is your service department. Where do you find the right employees? The answer is to attract and develop new technicians through the GM ASEP program.

At the completion of the GM ASEP program, you have a potential employee that is familiar with you, your dealership, and the vehicles that you sell and service. You select the students you want to hire and teach them your way of doing business. The objective of GM ASEP is simple; to select the best people to work on the best vehicles, and provide the best service possible.

2017 GM ASEP Course Master

Fundamentals						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
18043.01W-R4	Electrical/Electronics Stage 1	2.0		x		
18043.02W-R4	Electrical/Electronics Stage 2	2.0		x		
18043.03W-R4	Electrical/Electronics Stage 3 #	3.0		x		
16048.18W-R3	Tech 2 Familiarization #	2.0		x		
16048.25W-R3	Multiple Diagnostic Interface (MDI) Familiarization #	1.0		x		
16048.31W	Multiple Diagnostic Interface 2 #	0.5		x		
18400.30W	Introduction to Hybrid & Electric Vehicles #	1.0		x		
18440.01W	High Voltage System Safety	0.5		x		
10041.12W-R2	Service Information (SI) Overview #	2.0		x		
16048.30W-R3	Global Diagnostic System (GDS) 2 #	1.5		x		
18044.20W-R2	GM Global Electrical Systems #	2.0		x		
10216.14V	Service Programming System Update	0.5		x		
16048.36W-R2	Databus Diagnostic Tool #	0.5		x		
16048.40W	Tech2Win Diagnostic Tool #	0.5		x		
VCF1V.H11D-0D	Brand Quality, Customer Retention and the 3 C's #	1.0		x		
CCF06.114-0D	GM Global Product Safety Overview	0.3		x		
Legend						
GM Master Technician Certification Requirements (MTC = l)						
GM Dealer Minimum Divisional Service Training Standards (STS = u)						

Engine Repair						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
ASE Engine Repair #A1 or #T2		1.0				
13042.14W	Noise, Vibration & Harshness	2.0		x		
16043.53W1	Gas/Diesel Engine Mechanical Diag & Meas 1	2.0		x		
16043.53W2	Gas/Diesel Engine Mechanical Diag & Meas 2	2.0		x		
16043.53W3	Gas/Diesel Engine Mechanical Diag & Meas 3	2.0		x		
16043.53W4	Gas/Diesel Engine Mechanical Diag & Meas 4	2.0		x		
16043.53D	Gas/Diesel Engine Mechanical Diag & Meas	2.0			x	
16043.52H-R2	Engine Mechanical Diag & Meas	16.0			x	
16050.12D1-R2	Camshaft Position Actuator & AFM	2.0			x	
16050.12D2-R2	Camshaft Position Actuator & AFM	2.0			x	
16043.10H	Ecotech Generation 2 Overhaul	8.0			x	
16841.00A	GM MTC Assess. Engine Repair	8.0				
16440.21D	Engines: New & Updates for RPOs L5P LH7 LGZ	2.0			x	
18044.20D1-R2	GM Global Electrical Systems	1.5			x	
18044.20D2-R2	GM Global Electrical Systems	1.5			x	
18044.20H	GM Global Electrical Systems	16.0			x	
16341.03V	2.4 L Ecotech Engine Overhaul	1.0		x		
16341.06V	LUJ/LUU Engine Camshaft Timing Chain Service	0.5		x		
Automatic Transmission/Transaxle						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
ASE Automatic Transmission #A2		1				
14043.17W1	Passenger Car All-Wheel Drive 1	1.0		x		
14043.25W1	Truck 4WD/AWD Operation and Diagnosis 1	1.0		x		
17041.58W1	Automatic Transmission Diagnosis & Service	2.0		x		
17041.58W2	Automatic Transmission Diagnosis & Service	2.5		x		
17041.58W3	Automatic Transmission Diagnosis & Service	2.0		x		

Automatic Transmission/Transaxle – Continued						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
17041.58D1	Automatic Transmission Diagnosis & Service	2.0			x	
17041.58D2	Automatic Transmission Diagnosis & Service	2.0			x	
17041.56H	Automatic Transmission Oper, Diag, & Svc.	8.0			x	
16044.21W1	Engine Performance	3.0		x		
16044.21W2	Engine Performance	2.5		x		
16044.21W3	Engine Performance	2.0		x		
16044.21W4	Engine Performance	2.0		x		
13042.14W	Noise, Vibration & Harshness	2.0		x		
17041.55V	6T70/75 Automatic Transaxle Unit Repair	1.0		x		
17041.65H-R2	6-Speed Automatic Transmission/Transaxle Mechanical Service	16.0				x
17340.10V	Allison LCT 1000 Trans Part 1	2.0		x		
17340.11V	Allison LCT 1000 Trans Part 2	2.0		x		
17340.12D	Allison LCT 1000 Trans Diag Issues	1.0				x
18044.20D1-R2	GM Global Electrical Systems	1.5			x	
18044.20D2-R2	GM Global Electrical Systems	1.5			x	
18044.20H	GM Global Electrical Systems	16.0			x	
16048.33H	GDS 2 / MDI 1&2	8.0			x	
18044.23V	Data Communication Diagnostics Overview	0.5		x		
17840.00A	GM MTC Assess. A.T.	8.0				
17440.16D	Transmissions: New & Updates for 8L45 and Aisin AF50	1.5			x	
17041.70V	8L90 Automatic Transmission Unit Repair	0.9		x		
90317.10W	Medium Duty Truck Overview (Medium Duty Dealers only)	1.5		x		
90317.11W	Medium Duty Truck Powertrain (Medium Duty Dealers only)	2.0		x		
17041.72W	8-Speed Automatic Transmission Overview	1.0		x		
17440.17D	Transmissions: New & Updates for 9T50, 10R90 and ETR Select	2.0			x	

Steering and Suspension						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
ASE Steering and Suspension #A4 or #T5		1.0				
15045.18W1	GM Braking Systems 1	2.0		x		
15045.18W2	GM Braking Systems 2	2.0		x		
15045.18W3	GM Braking Systems 3	2.5		x		
15045.18W4-R2	GM Braking Systems 4	1.0		x		
15045.18W6	GM Braking Systems 6	1.0		x		
13041.15W1-R2	GM Steering Systems & Diagnosis 1	2.0		x		
13041.15W2	GM Steering Systems & Diagnosis 2	0.5		x		
13044.20W	GM Chassis Control Systems	2.0		x		
13044.20W3	GM Chassis Control Systems Diagnostic Exercise	1.0		x		
13044.20H	GM Chassis Control Systems	8.0			x	
13042.14W	Noise, Vibration & Harshness	2.0		x		
13042.14D1-R2	Noise, Vibration & Harshness	1.5				x
13042.14D2-R2	Noise, Vibration & Harshness	1.5				x
13042.14H-R2	Noise, Vibration & Harshness	8.0				x
18044.23V	Data Communication Diagnostics Overview	0.5		x		
13044.18W	Tire Pressure Monitoring System Diagnostic Exercise	1.0		x		
13042.13V	PicoScope NVH Diagnostic Overview	0.3		x		
13840.00A	GM MTC Assess. S.S.	8.0				
18044.20D1-R2	GM Global Electrical Systems	1.5			x	
18044.20D2-R2	GM Global Electrical Systems	1.5			x	
18044.20H	GM Global Electrical Systems	16.0			x	

Electrical/Electronics Systems						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
ASE Electrical / Electronics #A6 or #T6		1.0				
16041.09W	Battery, Charging & Starting Sys.	2.0		x		
18043.07H-R2	Electrical/Electronics Terminals and Connectors Systems	8.0			x	
18044.20D1-R2	GM Global Electrical Systems	1.5			x	
18044.20D2-R2	GM Global Electrical Systems	1.5			x	
18044.20H	GM Global Electrical Systems	16.0			x	
22048.42W1	GM Safety Systems 1	2.0		x		
22048.42W2	GM Safety Systems 2	2.0		x		
22048.42W3-R2	GM Safety Systems 3	1.0		x		
22048.42H	GM Safety Systems	16.0			x	
19047.09W	Entry and Security Systems	2.0		x		
19047.20W1	Entertainment Systems	2.0		x		
19047.20W2-R5	Entertainment Systems	2.0		x		
19047.20W3-R3	Entertainment Systems	1.5		x		
19047.20H	Entertainment Systems	16.0				x
16048.33H	GDS 2 / MDI 1&2	8.0			x	
19040.39W1	OnStar® Systems 1	1.0		x		
19040.39W2	OnStar® Systems 2	1.0		x		
18044.23V	Data Communication Diagnostics Overview	0.5		x		
18044.25H	Body Electrical Accessory Systems	8.0				x
19047.22D-R2	Infotainment Operation and Diagnosis	2.0			x	
19047.23D-R2	MOST Network Diagnostics and Infotainment System Programming	2.0			x	
19047.23H	Infotainment Operation and Diagnosis	8.0				x
18044.30H-R2	Data Communication Diagnosis	8.0				x
22048.43W	Active Safety System and SRS Diagnostic Exercise	1.0		x		
18840.00A	GM MTC Assess. E.E.	8.0				
22048.60V	Recall #14030 Wire Repair	0.3		x		
18044.50H	Intermittent Electrical Concerns Diagnosis	8.0				x
18044.40W	Vehicle Network Security	0.3		x		
22048.44W	Vehicle Rollover Protection System	0.5		x		

Heating Ventilation and Air Conditioning (HVAC)						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
ASE Heating & Air Conditioning #A7		1.0				
11044.05W1	HVAC Systems & Operation	2.0		x		
11044.05W2-R2	HVAC Systems & Operation	1.2		x		
11044.05W3	HVAC Systems & Operation	1.0		x		
11044.05D-R2	HVAC Systems & Operation	2.0			x	
11044.05H	HVAC Systems & Operation	8.0			x	
18044.23V	Data Communication Diagnostics Overview	0.5		x		
16048.33H	GDS 2 / MDI 1&2	8.0			x	
11840.00A	GM MTC Assess. HVAC	8.0				
11045.07V	R1234yf A/C System Service Equipment	0.5		x		
18044.20D1-R2	GM Global Electrical Systems	1.5			x	
18044.20D2-R2	GM Global Electrical Systems	1.5			x	
18044.20H	GM Global Electrical Systems	16.0			x	
Brakes						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
ASE Brakes #A5 or #T4		1.0				
15045.18W1	GM Braking Systems 1	2.0		x		
15045.18W2	GM Braking Systems 2	2.0		x		
15045.18W3	GM Braking Systems 3	2.5		x		
15045.18W4-R2	GM Braking Systems 4	1.0		x		
15045.18W5	GM Braking Systems Diagnostic Exercise	1.0		x		
15045.18W6	GM Braking Systems 6	1.0		x		
15045.18D	GM Braking Systems	2.0			x	
15045.18H-R2	GM Braking Systems	8.0			x	
13042.14W	Noise, Vibration & Harshness	2.0		x		
18044.23V	Data Communication Diagnostics Overview	0.5		x		
16048.33H	GDS 2 / MDI 1&2	8.0			x	
18044.20D1-R2	GM Global Electrical Systems	1.5			x	
18044.20D2-R2	GM Global Electrical Systems	1.5			x	
18044.20H	GM Global Electrical Systems	16.0			x	

Engine Performance						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
ASE Engine Performance #A8		1.0				
ASE Engine Performance #L1						
19047.09W	Entry and Security Systems	2.0		x		
18044.20D1-R2	GM Global Electrical Systems	1.5			x	
18044.20D2-R2	GM Global Electrical Systems	1.5			x	
18044.20H	GM Global Electrical Systems	16.0			x	
16044.21W1	Engine Performance	3.0		x		
16044.21W2	Engine Performance	2.5		x		
16044.21W3	Engine Performance	2.0		x		
16044.21W4	Engine Performance	2.0		x		
16044.21D1	Engine Performance	2.0			x	
16044.21D2	Engine Performance	2.0			x	
16044.21D3	Engine Performance	2.0			x	
16044.21H	Engine Performance	16.0			x	
16050.12D1-R2	Camshaft Position Actuator & AFM	2.0			x	
16050.12D2-R2	Camshaft Position Actuator & AFM	2.0			x	
17041.58W1	Automatic Transmission Diagnosis 1	2.0		x		
17041.58W2	Automatic Transmission Diagnosis 2	2.5		x		
17041.58W3	Automatic Transmission Diagnosis 3	2.0		x		
16048.33H	GDS 2 / MDI 1&2	8.0			x	
16044.20D	SIDI Fuel Injection System	1.5			x	
18044.23V	Data Communication Diagnostics Overview	0.5		x		
16041.09W	Battery, Charging & Starting Sys.	2.0		x		
16040.30W	12V Stop / Start System	1.0		x		
16840.00A	GM MTC Assess. E.P.	8.0				
16440.21D	Engines: New & Updates for RPOs L5P LH7 LGZ	2.0		x		
90317.10W	Medium Duty Truck Overview (Medium Duty Dealers only)	1.5		x		
90317.11W	Medium Duty Truck Powertrain (Medium Duty Dealers only)	2.0		x		
16040.31W	12V Stop/Start 2	0.7		x		

Manual Drivetrain and Axle						
Required Courses Needed by Division		Training Time (hrs)		Student Complete	Instructor Led	Optional
ASE Manual Drivetrain & Axle #A3 or #T3		1.0				
17043.38W1	FWD/RWD Oper, Diag & Svc.	2.0		x		
17043.38W2	FWD/RWD Oper, Diag & Svc.	1.5		x		
17043.38W3	FWD/RWD Oper, Diag & Svc.	1.5		x		
17043.38W4	FWD/RWD Oper, Diag & Svc.	1.0		x		
17043.38H	FWD/RWD Oper, Diag & Svc.	16.0			x	
14043.17W1	Passenger Car AWD/FWD Oper, Diag & Svc.	1.0		x		
14043.17W2	Passenger Car AWD/FWD Oper, Diag & Svc.	1.0		x		
14043.17D	Passenger Car AWD/FWD Oper, Diag & Svc.	2.0			x	
13042.14W	Noise, Vibration & Harshness	2.0		x		x
13042.14D1-R2	Noise, Vibration & Harshness	1.5				x
13042.14D2-R2	Noise, Vibration & Harshness	1.5				x
13042.14H-R2	Noise, Vibration & Harshness	8.0				x
14041.18W1	Propshafts & Rear Axles Oper,Diag, & Svc	2.0		x		
14041.18W2	Propshafts & Rear Axles Oper,Diag, & Svc	1.5		x		
14041.18W3	Propshafts & Rear Axles Oper,Diag, & Svc	2.0		x		
14041.18H	Propshafts & Rear Axles Oper,Diag, & Svc	16.0			x	
14043.25W1	Truck AWD/4WD Operation and Diagnosis	1.0		x		
14043.25W2	Truck AWD/4WD Operation and Diagnosis	1.5		x		
14043.25D	Truck AWD/4WD Operation and Diagnosis	2.0			x	
14043.25H	Truck AWD/4WD Operation and Diagnosis	8.0			x	
13042.13V	PicoScope NVH Diagnostic Overview	0.3		x		
18044.20D1-R2	GM Global Electrical Systems	1.5			x	
18044.20D2-R2	GM Global Electrical Systems	1.5			x	
18044.20H	GM Global Electrical Systems	16.0			x	

GM ASEP STUDENT/DEALER PREPARATION CHECKLIST

GM ASEP STUDENT NAME: _____

GM ASEP Student Initials	Dealer Initial	The Sponsoring GM ASEP dealership should:
		1. Provide ASEP student with Global Connect user ID for electronic service information and a GMIN prior to start of classes.
		2. Attend GM ASEP advisory meetings at Cuyahoga Community College.
		3. Assign a knowledgeable technician to oversee ASEP student intern during each internship period.
		4. Distribute task list to appropriate dealership personnel at the beginning of each internship.
		5. Provide work to insure task competencies for each internship.
		6. Meet with the ASEP student intern weekly and discuss student progress.
		7. At the end of each internship, meet with the ASEP student intern and complete his/her evaluation form.
		8. Pay the ASEP student a fair wage with incentive increases based on their performance: ____ Internship I ____ Internship II ____ Internship III ____ Internship IV ____ Internship V
		9. Supply uniforms in accordance with dealer policy (student interns are required to wear complete uniforms during all school activities).
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> _____ Dealership Name </div> <div style="width: 45%;"> _____ Date </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> _____ Service Manager (Please print) </div> <div style="width: 45%;"> _____ Service Manager Email (Please Print) </div> </div>	
	We have discussed the above items and understand them. <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> _____ _____ _____ </div> <div style="width: 45%;"> Service Director/Manager ASEP Student Intern GM ASEP Coordinator </div> </div>	

GENERAL MOTORS DEALER TRAINING AGREEMENT

_____ agrees to participate in the General Motors
(Name of Dealer)
Automotive Service Educational Program (ASEP) by providing the Technical Field Experience

Work Site for _____ who is/will be an
(Name of Student)

ASEP student. We _____
(Name of Dealer)

agree to provide the Technical Field Experience for the ASEP student under the following conditions:

1. Agree to select and hire an ASEP student who meets the qualifications of the ASEP program. The participating dealership is to make the final selection of a student.
2. Assign, during the times the student is enrolled in the technical field experience, one person to be the in-dealership contact who will meet at least twice a quarter with an ASEP instructor to discuss the student's progress.
3. Provide related work experience supplementing the student trainee's most recent college instruction in accordance with the program schedule whenever it is feasible.
4. Encourage the student's development, both on the job and at the college.
5. Agree to treat and evaluate the student as an ASEP trainee and not as a fully productive (flat rate) employee.
6. Provide the student with uniforms to wear at the dealership and the college.
7. Pay the student during periods of dealership Technical Field Experience and provide fringe benefits consistent with other employees. Pay should meet federal pay standards, but it is understood that pay is negotiated between the dealership and the student. The college or General Motors are not involved in the pay agreements between the dealership and student.

This agreement is in effect for a period of two years. If for economic or other reasons the dealership feels it cannot continue the agreement, the dealership will notify the ASEP Instructor/Coordinator immediately. If this occurs, a meeting will be held to discuss any or all concerns in order to maintain the integrity of the ASEP program.

(Date)

(Service Manager)

(Dealership)