



## Introduction

Shoreline Community College's (Shoreline) General Motors Automotive Service Technician (GM-ASEP) program is applying for career launch endorsement.

Shoreline's GM Automotive Service Technician Program (GMASEP) has served students since 1988. Shoreline's program prepares students to for a fulfilling life-long career with significant advancement opportunities. In the Puget Sound region and across the country, demand for Automotive Technicians is in demand. To serve these workforce needs, working in partnership with GM dealerships, Shoreline's program offers students in-class training and instruction paired with on-site, paid work with GM dealerships. The Program has a robust Advisory Board that consists of several GM dealerships, which ensures that course work directly aligns with real-world job needs. The Career Connect WA endorsement, programs, and grant initiatives will help expand Shoreline's GM program and meet future workforce demands.

### Program Checklist

**P1. Program description including length of program in years and total hours (including split between classroom and worksite).**

Postsecondary Credential	Years/Mo.	Hours	Classroom Hours	Work-Based Learning Hours
AAAS (associate Arts in Applied Science) GMASEP	4 to 6 Quarters or 2 years	1992	1200	792

**P2. Estimated number of hours per week at worksite and in classroom (this approach may shift throughout the program).**

GMASEP students enrolled in the program are required to complete 24 hours of weekly classroom/lab time, 4 to 6 hours of weekly homework and 24 hours of automotive dealership applied work based learning.

**P3. Demonstration of labor market demand for specified skills/career in local region**

Shoreline's GM Technician Program qualifies students to work as a General Motors automotive service and repair technician across the country.

According to the Employment and Security Department (ESD), the position of Automotive Service Technician and Mechanics are in demand for several WA counties, including King, Pierce, Skagit, Kitsap, Lewis, among others. The average annual growth rate between 2017 and 2027 for automotive technicians in Washington State is .9% and in King county it is .7%. Please see the image below for Employment Security Department data on King County.

# Automotive Service Technicians and Mechanics

In demand

Seattle King WDA: King County

Soc Code: 493023

Updated: 8/28/19

Job description		Education and training	
Diagnose, adjust, repair, or overhaul automotive vehicles. Excludes Automotive Body and Related Repairers (493021), Bus and Truck Mechanics and Diesel Engine Specialists (493031), and Electronic Equipment Installers and Repairers, Motor Vehicles (492096).		According to the Federal Bureau of Labor Statistics (BLS), the typical level of education that most workers need to enter this occupation is: <b>Postsecondary nondegree award</b> . Additional training, experience, licenses or credentials may be required. Learn more at BLS.	
		<a href="#">Training programs</a> <a href="#">Career Bridge</a>	
Pay		Employment trends	
Average annual salary	\$54,776	Average annual growth rate (2017-2027)	0.7%
Average hourly wage	\$26.33	Estimated employment (2017)	4,808
		Average annual total openings (2017-2027)	1,923

Above is a screen short from ESD showing Automotive Technician demand for King county.

## P4. Projected count of student enrollment, student completion, and anticipated employer participation for 5 years, post-pilot.

	Base year 2019-2020	Year 1 2020-2021	Year 2 2021-2022	Year 3 2022-2023	Year 4 2023-2024	Year 5 2024-2025
FTE	20.2	28.9	31.8	34.7	34.7	34.7
Completion	7	10	11	12	12	12
Employer participation	7	10	11	12	12	12

### Enrollment

The GMASEP program at Shoreline Community is a very active program with lots of supporting employers. Overall program enrollment has been increasing yearly due to a program structure change. During 2018-2019 the program changed to better meet the needs of the student and employer. Completion of the program can now be accomplished in as short as 4 quarters compared to 8 quarters previously. This has increased the interest of qualified candidates.

### Completion

Program completion rates have been increasing through the efforts of the faculty to encourage students to complete their general education requirements, which are necessary to complete the AAAS degree.

### 5 year post pilot

Plan will be to add a second cohort of students. This will be 2 classes of 12 students per year for each cohort. This will be a 24 total students combined each year.

## **Employer Participation**

The GMASEP program is a professional-technical program deeply connected to the workforce through its advisory board and mandatory work placements during each quarter of the program. The faculty aid in placement of students in local area General Motors Chevrolet, Buick GMC, and Cadillac New vehicle dealerships as well as ACDelco Professional Service Centers. This may include union and non-union facilities. The program currently places each student with one of the many employers through strong relationships with area dealership service managers. Due to the quality of program graduates, and the diversity of skills and manufacture certifications they earn during the program, the faculty currently have more employers requesting student placements than students available to place. Increasing the number of program graduates available to begin working will directly impact regional workforce needs and continue to ensure students have engaging and productive work experiences as they transition to the workplace.

### **P5. Concise description of development process to create the Career Launch program (e.g. who was involved, when, how was the program piloted, etc.)**

Shoreline community colleges automotive faculty recognized an opportunity for expansion of our GMASEP program. When 32 of the surrounding area GM dealers were surveyed they indicated a need for expansion and voted unanimously in an advisory meeting to support the expansion of another cohort of GMASEP program.

### **P6. Signed letter of endorsement from all relevant partners, stakeholders and regional networks (including employers, labor organizations, academic institutions, community-based organizations, individuals, and other relevant stakeholders in support of the proposed Career Launch program). Regional network endorsement preferred.**

Please see letters of support in the appendix.

### **P7. Description of resources, supports, or other processes to recruit and support students from underserved backgrounds (e.g. including students of color, students from low income families, English language learners, students with disabilities, foster students, students experiencing homelessness, students from single parent homes, and other populations that face barriers to employment); or create an implementation plan to do so.**

Shoreline and the GM program is committed to serving its students, especially those from diverse and underserved backgrounds. Below is a detailed list of services and supports available to GM students.

#### **Tutoring services**

Shoreline students are eligible for free individual, one-on-one tutoring for any Shoreline course they're taking for credit. We also offer Free online tutoring is available through the college's partnership in the Western e-Tutoring Consortium. Students can interact with tutors in a live

online chatroom, submit e-Questions and submit papers to the online writing lab and expect a response within 48 hours.

The Math Learning Center is located in the Library. The Math Learning Center (MLC) is an extra-help resource for MATH 060 through MATH 264. The MLC provides individual assistance on a drop-in basis from qualified tutors devoted to student's success.

### **Emergency assistance funding**

The Foundation provides emergency assistance grants when unexpected bills and expenses limits a student's ability to stay in school. Student assistance grants come from 3 sources: a recent SBCTC Students Emergency Assistance Grant (SEAG), a United Way grant, and funds come from the Foundation's own charitable fund raising. From these three sources, students can receive help to cover the costs of rent, tuition and fees, books and supplies, parking permits or bus passes, and living expenses. The Foundation has worked to make the application process low-barrier, accessible, and known to all students. Foundation staff coordinate with programs across campus to make sure students who need financial assistance can access these funds.

### **Food Pantry**

Shoreline's Benefits Hub houses the College's food pantry, which was started in 2013 by the Women's and Gender Equity Center, provides meals, snacks, and toiletries to students facing basic need insecurities.

### **Shoreline Community College Foundation**

The Shoreline Community College Foundation has made significant contributions to supporting students facing housing insecurity. In 2019, the Foundation established a fund to provide on campus housing for 5 Shoreline students experiencing housing insecurity for up to 12 months. These grants provide rental assistance as well as supplies to outfit the apartment (e.g., with a shower curtain, sheets, and silverware).

### **The Benefits Hub**

Since 2017, located in the center of campus on the main floor of the student union building, the Benefits Hub has enhanced resources offered to students in financial need, but it has also become an important place where students can access knowledge of additional resources on and off campus. The Benefits Hub employs 5 AmeriCorps staff who help students obtain housing assistance from regional non-profits, reduced-fare bus passes (ORCA cards), discounts on utility bills, food stamps, and help with filling out FAFSA/WASFA forms. Since 2019, funded by the United Way, the Benefits Hub has also provided students with emergency assistance grants of up to \$2,500 specifically for housing or rental assistance. Importantly, the Benefits Hub staff provide warm hand offs to and greet students sent from specialized services available from Workforce, the College Foundation, other campus support programs (e.g., Veterans and Counseling), and to external partners.

### **Workforce**

Shoreline's Workforce program assists students who struggle to pay for college. Shoreline's Workforce program helps qualifying student pay for tuition, fees, books, parking or ORCA bus passes. Through Workforce, students can access Basic Food Employment & Training (BFET)

services, and staff can help student see if they're eligible for the Opportunity Grant, Worker Retraining, or WorkFirst Programs.

**Industry-Related Checklist**

**I-R1. Address of worksite(s) where Career Launch students will complete supervised training.**

The following table lists the GMASEP program’s primary employer partners where students are placed for paid, work-based learning agreements. Students must complete the first quarter of the GMASEP program. All students are placed in an approved GM dealership by the end of the first quarter. They are placed in a paid, work-based learning environment for the remainder of the program cycle.

Employer	Address
Speedway Chevrolet	6957 W Main St, Monroe, WA 98272
Bill Pierre Chevrolet	11323 Lake City Way NE, Seattle, WA 98125
Burien Chevrolet	14400 1st Ave S, Burien, WA 98168
Brotherton Cadillac	17545 Aurora Ave N, Shoreline, WA 98133
Chuck Olson Chevrolet	17037 Aurora Ave N, Shoreline, WA 98133
North Bend Chevrolet	106 Main Ave N, North Bend, WA 98045
Everett Chevrolet	7301 Evergreen Way, Everett, WA 98203
Lee Johnson Chevrolet	11845 NE 85th St, Kirkland, WA 98033
Roy Robinson Chevrolet	6616 35th Ave NE, Marysville, WA 98271
Kirkland Buick GMC	12335 120th Ave NE, Kirkland, WA 98034
Cadillac of Bellevue	600 116th Ave NE, Bellevue, WA 98004
Chevrolet of Bellevue	430 116th Ave NE, Bellevue, WA 98004
Chevrolet of Puyallup	800 River Rd, Puyallup, WA 98371
Sunset Chevrolet	910, Traffic Ave, Sumner, WA 98390
Clyde Revord Buick GMC	7900 Evergreen Way, Everett, WA 98203
Dwayne Lane Arlington Chevrolet	20410 Smokey Point Blvd, Arlington, WA 98223
K.C. Martin Automotive	4829 196th St SW, Lynnwood, WA 98036
Chucks Chevron	11704 Hwy 99, Everett, WA 98204

**I-R2. Hourly wage for Career Launch participants.**

The advisory board adopted in 2019 a starting wage of 15.50/hour in the first quarter with quarterly merit increases. Students generally range \$15.50 - \$22.00 per hour

**I-R3. List of entry-level positions and associated job descriptions for which a Career Launch student would be eligible for upon completion.**

**Entry level position:** Service Technician. This position performs vehicle maintenance and service in General Motors car dealerships

**Entry level position:** Repair Technician. This position performs vehicle repairs, maintenance, and service in General Motors car dealerships

**Entry level responsibilities**

- **Service Technician**
  - Perform work specified on the repair order with efficiency and in accordance with dealership
  - Communicate directly with the Service Advisor so that customers can be informed if any additional service is needed. Providing an estimate of time needed for additional repairs
  - Executing repairs under warranty to manufacturer specifications
  -
- **Repair Technician**
  - Perform work specified on the repair order with efficiency and in accordance with dealership
  - Test-drive vehicles, and test components and systems, using diagnostic tools and special service equipment
  - Diagnosing, maintaining, and repairing vehicle automotive systems including engine, transmission, electrical steering, suspension, brakes, air conditioning, etc.
  - Communicate directly with the Service Advisor so that customers can be informed if any additional service is needed. Providing an estimate of time needed for additional repairs
  - Executing repairs under warranty to manufacturer specifications

**Entry level qualifications**

- ASE certifications
- Strong automotive background
- Strong teamwork skills
- Ability to communicate clearly both verbally and written

**I-R4. List of specific skills and competencies required for completion of the Career Launch program, with demonstrated alignment to entry-level positions, job descriptions, and average local salary ranges.**

<b>Shoreline General Motors Automotive Service Educational Program</b>	<b>General Motors Technician Alignment</b>
Apply fundamentals of automotive service training, including the basics of automotive diagnostics and repair, pre-delivery inspection and warranty repair procedures	Entry Level General Motors Fundamentals Training Path, General Service and Repairs
Identify, inspect, disassemble and assemble basic components of automotive power plants	General Motors Engine Repair Training Path, Engine Diagnostic, Service and Repairs
Apply knowledge of the function, construction, operation, troubleshooting and servicing of disc, drum and ABS brake systems, steering, suspension and wheel alignment	General Motors Brakes Training Path, Brake System Diagnostic, Service and Repairs
Use electronic engine analyzers and scanners to test and diagnose ignition, fuel injection and emission systems	General Motors Engine Performance Training Path, Engine Management Diagnostic, Service and Repairs
Apply understanding of electrical principles, semi-conductors, microprocessors and wiring diagrams to diagnose and repair malfunctions of automotive electrical systems	General Motors Electrical Training Path, Electrical Diagnostic, Service and Repairs
Apply knowledge of the function, construction, operation, troubleshooting and service of front- and rear- wheel drive, manual and automatic transmissions and transaxles	General Motors Automatic Transmission/Transaxle and Manual Drivetrains Training Path, Automatic and Manual Drivetrains, Diagnostic, Service and Repairs
Test, service and repair heating and air-conditioning systems	General Motors HVAC Training Path, HVAC Service and Repairs
<b>Program Outcomes</b>	
Apply fundamentals of automotive service training, including the basics of automotive diagnostics and repair, pre-delivery inspection and warranty repair procedures.	Entry Level General Motors Fundamentals Training Path, General Service and Repairs
Identify, inspect, disassemble and assemble basic components of automotive power plants.	General Motors Engine Repair Training Path, Engine Diagnostic, Service and Repairs
Apply knowledge of the function, construction, operation, troubleshooting and servicing of disc, drum and ABS brake systems, steering, suspension and wheel alignment.	General Motors Brakes Training Path, Brake System Diagnostic, Service and Repairs
Use electronic engine analyzers and scanners to test and diagnose ignition, fuel injection and emission systems.	General Motors Engine Performance Training Path, Engine Management Diagnostic, Service and Repairs
Apply understanding of electrical principles, semi-conductors, microprocessors and wiring diagrams to diagnose and repair malfunctions of automotive electrical systems.	General Motors Electrical Training Path, Electrical Diagnostic, Service and Repairs
Apply knowledge of the function, construction, operation, troubleshooting and service of front- and rear- wheel drive, manual and automatic transmissions and transaxles.	General Motors Automatic Transmission/Transaxle and Manual Drivetrains Training Path, Automatic and Manual Drivetrains, Diagnostic, Service and Repairs
Test, service and repair heating and air-conditioning systems.	General Motors HVAC Training Path, HVAC Service and Repairs



According to Washington State Employment Security Department (ESD) the average annual salary for an automotive technician is \$49,565. The average hourly wage is \$23.83.

*Please refer to question I-R7 for full list of job title and associates salaries and wages.*

**I-R5. Employer attests that Career Launch program is in compliance with required federal, state, and local regulations.**

Please Appendix

**I-R6. Employers will outline a student supervision and mentorship model.**

Internships with mentoring are stipulated as per agreement with the College. Please refer to endorsement letters in the appendix.

**I-R7. Description of common career pathway(s) beginning with entry-level position specified with demonstration of likely salary growth over specified time period.**

Shoreline GM program graduates can progress in the following ways from entry-level to Master Technician:

**General Motors Maintenance Technician (D-Tech)**

- Porter: moving cars as directed by manager, minimum wage job
- Lube Specialist: performing basic vehicle maintenance minimum wage job.
- Yearly median income of \$31,209 in this level.

**General Motors ASEP Student (C-Tech)**

- Apprentice/trainee: working under the guidance of a Mentor Technician, performing different levels of service, diagnosis, and repair under the Mentor's direct supervision and responsibility. Minimum wage plus additional (varying) dollar amounts for ASE (industry standard) certifications. Add merit pay increases over two-year T-TEN program.
- \$15-\$20 per hour. Yearly median income of \$38,013 in this level.

**General Motors Certified Technician (C-Tech)**

- Advanced maintenance operations and low-level repair. High levels of oversight and direction.
- \$15-\$17 per hour. Yearly median income of \$38,013 in this level.

**General Motors ASEP Graduate (B-Tech)**

- General Motors Journeyman Technician: working autonomously on vehicles assigned by team leader; has skills to work on 70% of the vehicles that come through the door; certified to do 50% of warranty repairs
- \$20-\$26 per hour, commission based, yearly median income of \$58,204 in this level.

### **General Motors Master Technician (A-Tech)**

- minimum 5 years of experience, mentoring younger technicians, highly skilled and capable of working on any vehicles that come into the dealership, certified to do 100% of the warranty repairs.
- \$26-\$30 per hour, commission based, yearly median income of \$76,284 in this level.

### **General Motors World Class Diagnostic Technician (A-Tech)**

- Demonstrated the high-level diagnostic skills, highest income for General Motors Technicians; leading teams of technicians; diagnosing vehicles that are headed to lemon-law buyback, mentoring younger technicians, certified to do 100% of warranty repairs. These are the top 10% of all A-Technicians.
- \$30-\$36 per hour, commission based (sometimes salary-base plus commission), yearly median income of \$119,195 in this level.

All income data points for this question were retrieved from the National Automobile Dealers Association in the form of the 2019 Dealership Workforce Study.

### **I-R8. Demonstrated competency alignment with relevant professional standards for specified entry-level positions when applicable.**

Shoreline's GM Program is reviewed and certified by the Automotive Service Excellence (ASE) Education Foundation for alignment to national automotive education standards. The GM program is evaluated on a 2 ½ year cycle. Not only is the program reviewed by GM advisory Board, but the Program is also reviewed and certified by GM for content alignment to dealership needs, required industry skills, and evaluated on a 5-year cycle.

### **I-R9. Signed letter from employers partners attesting that Career Launch completers will be ready for specified entry-level jobs, including an optional, non-binding commitment estimating number of Career Launch completers they plan to interview/hire over the first three years of the program.**

See employer endorsement letters in the appendix

#### [Academic-Related Checklist](#)

### **A-R1. List of academic institution(s) providing career-aligned instruction for Career Launch program.**

Shoreline Community College

### **A-R2. Curriculum scope and sequence aligned to skills and competencies provided in employment checklist.**

In order to ensure that Shoreline’s GM curriculum is aligned to employer needs, the program is reviewed and certified by the Automotive Service Excellence (ASE) Education Foundation for alignment to national automotive education standards and evaluated on a 2 ½ year cycle. The program is also reviewed by the GM Advisory Committee for content alignment to dealership needs, and required industry skills. This evaluation is on a 5-year cycle. Please see below for a list of the core automotive requirements as they’re aligned to specific employer standards.

<b>GM ASEP Courses</b>	<b>Alignment to employer skills and competencies</b>
AutoT 170G Fundamentals of Automotive Service Training	General Motors Fundamentals Training Path 100% Completion
AutoT 171G GM Engine Repair	General Motors Engine Repair Training Path
AutoT172G GM Brake Systems	General Motors Brakes Training Path
AutoT 173G Suspension & Steering Systems	General Motors Suspension and Steering Training Path
AutoT 174G GM Manual Gear Trains and Transaxles	General Motors Manual Drivetrains Training Path
AutoT 175G GM Engine Management and Emission Systems	General Motors Engine Performance Training Path
AutoT 176G GM Electrical Systems	General Motors Electrical Training Path
AutoT 177G GM Automatic Transmission/Transaxles	General Motors Automatic Transmission Training Path
AutoT 178G GM Heating and Air Conditioning Systems	General Motors HVAC Training Path
AutoT 271G, 272G, 273G, 274G, 275G, 276G, 277G, 278G GM Subject Related Applied Learnings	General Motors Hand-On Training in Dealership on the job training

**A-R3. Demonstration of student supports (e.g. mentoring, advising, financial aid, tutoring) available for Career Launch students enrolled in the course.**

**Tutoring services**

Shoreline students are eligible for free individual, one-on-one tutoring for any Shoreline course they're taking for credit. We also offer Free online tutoring is available through the college's partnership in the Western e-Tutoring Consortium. Students can interact with tutors in a live online chatroom, submit e-Questions and submit papers to the online writing lab and expect a response within 48 hours.

The Math Learning Center is located in the Library. The Math Learning Center (MLC) is an extra-help resource for MATH 060 through MATH 264. The MLC provides individual assistance on a drop-in basis from qualified tutors devoted to student’s success.

**Advising**

We provide advising for students who need assistance with course selection. Advising is a process based on a close student-advisor relationship intended to help students achieve their educational, career, and personal goals through the use of the college and community resources.

**Financial aid**

We help students with financial aid in a number of ways. We help students fill out the FAFSA and WAFSA applications for financial aid. We ensure that students who are eligible for Workforce funding receive assistance. This includes Basic Food Employment & Training (BFET) services, and staff can help student see if they’re eligible for the Opportunity Grant, Worker Retraining, or WorkFirst Programs. Shoreline’s Workforce program helps qualifying student pay for tuition, fees, books, parking or ORCA bus passes.

Through our emergency assistance funds, we also provide direct financial assistance to students. We currently have at least 3 sources of emergency assistance funding in which students can receive up to \$2,500 to help with expenses associated with school and living. The funding comes from Shoreline Community College Foundation fund, United Way, and Student Emergency Assistance Grant (SEAG), a grant from the SBCTC.

**Mentoring**

Shoreline’s GM students are mentored on-site at dealerships with well-experienced automotive technicians. At Shoreline, we also offer students access to Success coaching, which provides a supportive environment for self-reflection and challenges students to achieve their goals. Success Coaches meet one-one-one or in small groups with students. Coaching is a student-centered approach that introduces students to resources and tools and helps them explore strategies for success in college and in life.

**A-R4. Number of postsecondary credits provided and / or credential earned upon completion of program.**

Postsecondary Credential	Shoreline Community College Credits
GMASEP Associate Arts of Applied Science (AAAS)	130

**Please also see planning guide in appendix**

**A-R5. Demonstrated curricular alignment with relevant professional and / or academic standards associated with coursework and credential, when applicable.**

The Shoreline Community College GM program is a two-year Associate of Applied Science degree with a cohort model. Students begin the GM program during Fall quarter in the classroom.

After successful completion of the Fall quarter, the students complete an 11-week work-based learning at their participating dealer during Winter quarter. They will then return to the college each quarter for 3 additional quarters of in-class and in dealership applied learning. This pedagogy from the college to dealer will continue throughout the program.

The GM program requires 24 hours per week in the classroom for instructional components; and 24 – 30 hours per week at the dealer during work-based learning components. Work-based learning students receive an hourly wage of \$14.50 to \$17 per hour (depending upon individual dealer or dealer group pay scales). Some dealers will increase pay rates according to ASE certification tests that the student passes while attending school and beyond. Students are required to take ASE tests over the course of the program.

Students must pass at least one of any of the eight tests to complete the GM program. Alignment to positions with specific job descriptions listed above. Students with fewer ASE certifications will generally start in an Express Maintenance Technician position upon graduation (see answer to question above for specific job description), whereas a student with all 8 certifications will start as a certified Technician at a higher rate of pay.

**A-R6. Details of potential for current or future partnerships and/or scalability of the program within and across sectors and/or geographic locations (e.g. articulation, degree pathways), when applicable.**

The demand for FM dealer-trained technicians should remain strong over the next decade. According to ESD, Growth in King county will remain robust (.7%) through at least 2027. Employment opportunities exist as a GM Service Technician.

**Appendix**

<b>GM Auto Program Planning Guide</b>			
<b>Communication Skills (5 Credits)</b> Choose either ENGL& 101 or BTWRT 215.			
<b>Quantitative/Symbolic Reasoning (5 Credits)</b> Choose either BUS 102 or MATH 070.			
<b>Multicultural Understanding (3-5 Credits)</b> Choose either BUS 103 or MCS 105.			
<b>Human Relations (2-5 Credits)</b> Choose one of the following courses: BUS 104, BUS 105, CMST& 101.			
<b>Automotive Core Requirements (110 Credits)</b>			
AUTOT 170G GM Fundamentals of Automotive Service Training	Credits: 8		
AUTOT 171G GM Engine Repair	Credits: 8		
AUTOT 172G GM Brake Systems	Credits: 8		
AUTOT 173G GM Steering & Suspension	Credits: 8		

AUTOT 174G GM Manual Gear Trains and Transaxles	Credits: 8		
AUTOT 175G GM Engine Management and Emissions Systems	Credits: 8		
AUTOT 176G GM Electrical Systems	Credits: 12		
AUTOT 177G GM Automatic Transmissions/Transaxles	Credits: 8		
AUTOT 178G GM Heating and Air Conditioning	Credits: 6		
AUTOT 271G Applied Learning Engine Repair	Credits: 6		
AUTOT 272G Applied Learning GM Brake Systems	Credits: 6		
AUTOT 273G Applied Learning GM Steering & Suspension	Credits: 6		
AUTOT 275G Applied Learning GM Engine Performance	Credits: 6		
AUTOT 276G Applied Learning GM Electrical	Credits: 6		
AUTOT 278G Applied Learning GM HVAC	Credits: 6		

**General Motors Automotive Service Educational Program (ASEP)-What is it?**

Shoreline Community College offers an Associate degree in Applied Arts and Science for students who are interested in entering the automotive service industry. The General Motors Automotive Service Educational Program (ASEP) provides students with the fundamental skills to succeed in the workplace along with valuable hands-on experience. Students alternate quarters between classroom instruction and paid dealership training. As students progress through the curriculum, they learn about the major automobile components and systems, including brakes, suspension, emissions, transmissions, electrical systems, heating and air conditioning, power trains and engine management systems. Students develop skills in automotive diagnostics, tune-ups and repairs. Students will also develop an understanding of automotive service business principles as they apply to the service technician. In their internship placements, students work under the guidance of a master technician at a sponsoring General Motors dealership. These paid internships give students the opportunity to integrate their learning and further develop their skills in service technology.

**Program Outcomes:**

Students who successfully complete this program **-by achieving a grade of 2.0 or better for each individual course in the program-** should be able to:

- Apply fundamentals of automotive service training, including the basics of automotive diagnostics and repair, pre-delivery inspection and warranty repair procedures.
- Identify, inspect, disassemble and assemble components of automotive power plants.
- Apply knowledge of the function, construction, operation, troubleshooting and servicing of disc, drum and ABS brake systems, steering, suspension and wheel alignment.
- Use electronic engine analyzers and scanners to test and tune ignition, fuel injection and emission systems.
- Apply understanding of electrical principles, semi-conductors, microprocessors and wiring diagrams to diagnose and repair malfunctions of automotive electrical systems.
- Apply knowledge of the function, construction, operation, troubleshooting and service of front- and rear-wheel drive manual and automatic transmissions and transaxles.
- Test, service and repair heating and air-conditioning systems.

**Career Opportunities- What can I do with a Degree in General Motors (ASEP)?**

The demand for dealer-trained technicians should remain strong over the next decade. Employment opportunities exist as a General Motors Service Technician. With additional experience and education, many technicians can become a Parts or Service Manager: some may seek positions in sales, management or open their own related business.

**Potential employers include:** Upon completion, graduates may be hired by a new car dealership. For more, please visit career information and resources at <https://www.shoreline.edu/counseling-center/career-counseling.aspx>.

*Bill*  
**Pierre**  
AUTO CENTERS

Washington State Board for Community and Technical Colleges:

To whom it may concern,

Bill Pierre Chevrolet would like to offer this letter of endorsement to Shoreline Community College's GMASEP program for Career Launch Endorsement. We have a long-standing relationship with Shoreline's program, and we've hired numerous students who have completed the program. We are excited about the State Board for Community and Technical Colleges' initiatives to support paid, work-based learning opportunities.

Bill Pierre Chevrolet is a partner of the paid, work-based learning component for Shoreline's GMASEP program. We provide these students paid, on-the-job training experience throughout the course of the program, and while working on site at the dealership, they also receive mentorship with experienced automotive technicians. Not only do Students who participate in this program receive \$17.00-\$20.00 starting wage while earning college credits, but upon completion, they will have earned an AAAS degree and have accrued valuable on-the-job experience, which makes them competitive job-seekers upon graduation.

Bill Pierre Chevrolet is committed to the continued development of Shoreline's program. We are a member of Shoreline's Automotive Program Advisory Committee. In this capacity, we review curriculum and discuss best practices for the program and the students/technicians. Both students and dealerships benefit from our partnership. Shoreline students receive an associates' degree and go on to earn a high wage. In turn, we depend on graduates from the program to fill vacant positions at our dealership. From our experience, Shoreline students go on to be successful, knowledgeable employees.

We will continue to provide paid, work-based learning opportunities for students of Shoreline's GMASEP program. For successful graduates who meet our employment qualifications we will continue employment and offer a competitive wage and benefits package. We will remain in compliance with required federal, state, and local regulations.

Please feel free to contact me for questions or more information regarding our support of Shoreline's GMASEP program for Career Launch Endorsement.

Sincerely,

Jeff Horton

Service Manager .

206-367-7700

[jhorton@pierrechevrolet.com](mailto:jhorton@pierrechevrolet.com)





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Everett, WA 98203  
PH. 425-265-8000  
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Washington State Board for Community and Technical Colleges:

To whom it may concern,

Chevrolet of Everett would like to offer this letter of endorsement to Shoreline Community College's GMASEP program for Career Launch Endorsement. We have a long-standing relationship with Shoreline's program, and we've hired numerous students who have completed the program. We are excited about the State Board for Community and Technical Colleges' initiatives to support paid, work-based learning opportunities.

Chevrolet of Everett is a partner of the paid, work-based learning component for Shoreline's GMASEP program. We provide these students paid, on-the-job training experience throughout the course of the program, and while working on site at the dealership, they also receive mentorship with experienced automotive technicians. Not only do students who participate in this program receive \$17.00 to \$20.00 per hour while earning college credits, but upon completion, they will have earned an AAAS degree and have accrued valuable on-the-job experience, which makes them competitive job-seekers upon graduation.

Chevrolet of Everett is committed to the continued development of Shoreline's program. We are a member of Shoreline's Automotive Program Advisory Committee. In this capacity, we review curriculum and discuss best practices for the program and the students/technicians. Both students and dealerships benefit from our partnership. Shoreline students receive an associates' degree and go on to earn a high wage. In turn, we depend on graduates from the program to fill vacant positions at our dealership. From our experience, Shoreline students go on to be successful, knowledgeable employees.

We will continue to provide paid, work-based learning opportunities for students of Shoreline's GMASEP program. For successful graduates who meet our employment qualifications we will continue employment and offer a competitive wage and benefits package.



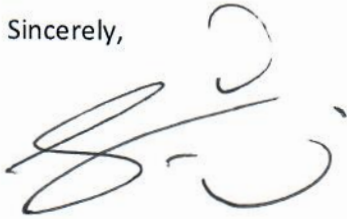
[www.harnishautofamily.com](http://www.harnishautofamily.com)



Chevrolet of Everett works with Shoreline to ensure that the program and its students are in compliance with required federal, state, and local regulations covering work and the workplace.

Please feel free to contact me for questions or more information regarding our support of Shoreline's GMASEP program for Career Launch Endorsement.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rich Filori', written in a cursive style.

Rich Filori

Service Manager

Chevrolet of Everett

(425)265-8001



Washington State Board for Community and Technical Colleges:

To whom it may concern,

Chevrolet Buick GMC of Puyallup would like to offer this letter of endorsement to Shoreline Community College's GMASEP program for Career Launch Endorsement. We have a long-standing relationship with Shoreline's program, and we've hired numerous students who have completed the program. We are excited about the State Board for Community and Technical Colleges' initiatives to support paid, work-based learning opportunities.

Chevrolet Buick GMC of Puyallup is a partner of the paid, work-based learning component for Shoreline's GMASEP program. We provide these students paid, on-the-job training experience throughout the course of the program, and while working on site at the dealership, they also receive mentorship with experienced automotive technicians. Not only do Students who participate in this program receive up to 19.00 per hour while earning college credits, but upon completion, they will have earned an AAAS degree and have accrued valuable on-the-job experience, which makes them competitive job-seekers upon graduation.

Chevrolet Buick GMC of Puyallup is committed to the continued development of Shoreline's program. We are a member of Shoreline's Automotive Program Advisory Committee. In this capacity, we review curriculum and discuss best practices for the program and the students/technicians. Both students and dealerships benefit from our partnership. Shoreline students receive an associates' degree and go on to earn a high wage. In turn, we depend on graduates from the program to fill vacant positions at our dealership. From our experience, Shoreline students go on to be successful, knowledgeable employees.

We will continue to provide paid, work-based learning opportunities for students of Shoreline's GMASEP program. For successful graduates who meet our employment qualifications we will continue employment and offer a competitive wage and benefits package. We will remain in compliance with federal, state, and local workplace regulations.

Please feel free to contact me for questions or more information regarding our support of Shoreline's GMASEP program for Career Launch Endorsement.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jim Therianos", with a long horizontal flourish extending to the right.

Jim Therianos

Service Manager

Chevrolet, Buick, GMC of Puyallup



**CHEVROLET**  
and **RV Center**  
New Used Service Parts

Washington State Board for Community and Technical Colleges:

To whom it may concern,

Speedway Chevrolet would like to offer this letter of endorsement to Shoreline Community College's GMASEP program for Career Launch Endorsement. We have a long-standing relationship with Shoreline's program, and we've hired numerous students who have completed the program. We are excited about the State Board for Community and Technical Colleges' initiatives to support paid, work-based learning opportunities.

Speedway Chevrolet is a partner of the paid, work-based learning component for Shoreline's GMASEP program. We provide these students paid, on-the-job training experience throughout the course of the program, and while working on site at the dealership, they also receive mentorship with experienced automotive technicians. Not only do Students who participate in this program receive \$17.00 to \$20.00 per hour while earning college credits, but upon completion, they will have earned an AAAS degree and have accrued valuable on-the-job experience, which makes them competitive job-seekers upon graduation.

Speedway Chevrolet is committed to the continued development of Shoreline's program. We are a member of Shoreline's Automotive Program Advisory Committee. In this capacity, we review curriculum and discuss best practices for the program and the students/technicians. Both students and dealerships benefit from our partnership. Shoreline students receive an associates' degree and go on to earn a high wage. In turn, we depend on graduates from the program to fill vacant positions at our dealership. From our experience, Shoreline students go on to be successful, knowledgeable employees.

We will continue to provide paid, work-based learning opportunities for students of Shoreline's GMASEP program. For successful graduates who meet our employment qualifications we will continue employment and offer a competitive wage and benefits package. We will remain in compliance with federal, state, and local workplace regulations.

Please feel free to contact me for questions or more information regarding our support of Shoreline's GMASEP program for Career Launch Endorsement.

Sincerely,

Mike Jameson

Speedway Chevrolet Service Manager

**—16957 West Main St. • P.O. Box 687 • Monroe, Washington 98272**  
**—1-877-71-SPEED • Main: 360-794-1155 • Fax: 360-794-5558**