

Course Sequencing		
Year	Quarter	Subject
First Year	Fall	AMT 107 Introduction to Automotive Technology I and Lab AMT 113 Introduction to Automotive Technology II & Lab MATH 100 Algebraic Tools for Vocational Application & MATH 48 Math for Technical Applications Support (if needed) ***Introduction to Automotive Preventative Maintenance short-term certificate is earned upon successful completion of this quarter.
	Winter	AMT 120 Basic Electrical Systems, Electronics & Lab AMT 220 Advanced Electrical and Troubleshooting & Lab
	Spring	AMT 119 Automotive Steering & Suspension Systems & Lab AMT 123 Automotive Brake Systems & Lab ENGL& 103 Writing In The Workplace OR ENGL& 101 (Composition 1) ***Automotive Maintenance and Light Repair One-Year Certificate is earned upon successful completion of this quarter.
	Summer	AMT 140 Automotive Internship
Second Year	Fall	AMT 230 Automatic Transmissions & Lab AMT 233 Manual Transmission, Drivetrain, & Lab CMST 103 Workplace Communication OR CMST 110 Communication Behavior
	Winter	AMT 129 Engine Systems, Servicing & Lab AMT 133 Engine Repair and Rebuild & Lab
	Spring	AMT 240 Drivability Diagnostics & Lab AMT 243 Heating, Ventilation & AC Systems & Lab PSYC& 100 (General Psychology) OR PSYC 103 (Applied Psychology) OR BUS 271 (Human Relations Business) ***Automotive Technology AAS is earned upon successful completion of this quarter.

The plan above is only a sample. If you want to see all of the courses we offer, please visit our online catalog [here!](#)

BEFORE YOU START

Ready to get started? To begin working towards the certificate or the AAS degree, you need to apply and be accepted to CBC. You can apply online at www.columbiabasin.edu. Please contact the [Automotive Technology Department](#) or [Counseling & Advising](#) for specific information on acceptance to the Automotive Technology program.

GPA POLICY & PREREQUISITES

You have high standards for your career and your future and those are reflected in the requirements CBC and the Automotive Technology program sets for students. Prior to enrolling in the Automotive Technology program you should attain the necessary prerequisites for [MATH 100](#), [ENGL& 101](#) and college-level reading. These can either be accomplished by taking the required prerequisite classes or through the testing process. If you have questions, please contact a CTE Completion Coach at 509-542-5505 or email counseling@columbiabasin.edu.

These high standards also apply to your grades. The Automotive Technology department requires students achieve a minimum grade of 2.0 to continue enrollment in major courses. The CBC Associate in Applied Science degree also requires a minimum grade of 2.0 for each major course. A student who achieves a grade of 1.9 or lower in any required major courses may repeat that course once to achieve a grade of 2.0 or higher. Exceptions to this policy must be approved by the Dean of Career and Technical Education prior to enrollment.

ABOUT THE PROGRAM

Learn the automotive repair process – from routine maintenance to diagnostics and repair – from A.S.E. certified faculty. To reinforce learning, you will experience classroom lectures that are paired with state-of-the-art technology in the lab. You will develop skills in computer diagnosis as well as traditional tool usage. Depending on your personal goals, you can earn several certificates or continue your studies to earn an AAS degree. Instruction in the Automotive Technology program is based on the National Technician's Certification eight Automotive Service Excellence (A.S.E.) topics to prepare students for the A.S.E. mechanic certification tests.

OUT OF CLASS TO DO'S

- Contact your instructors and/or the CBC Career Services Center to find an internship, observation/shadowing experience, or a job in the automotive technology field.
- Visit the Academic Success Center for quiet study space, small group study, supplemental instruction and tutoring assistance.

TOOL LIST

In addition to the cost of tuition and fees, there are also tools that are required for this program. A list of required tools is available online [here!](#)

You can expect to spend anywhere from \$2,000-\$4,000 on tools over the course of the 2-year program.

Please check with your automotive instructor prior to purchasing any tools or equipment.

CAREER OPPORTUNITIES

We prepare you for employment as high-quality entry-level technicians in the automotive repair field. Duties in the field include researching service information using manuals or computer-based programs and using an extensive array of hand tools and diagnostic equipment. Career options in the automotive technology industry include:

- Automotive Technician
- Certified Technician
- Customer Service Advisor
- Lube/Oil/Tire/Maintenance Technician
- Mechanic
- Parts Distribution or Parts Sales
- Service Advisor or Service Technician
- Shop Assistant

FAQs

Class Times/Delivery Format

Automotive Technology classes are offered in person. General education courses may be offered online.

Length of Program

Full-time students can earn a certificate in one year and the AAS degree in two years.

Which Quarter Can I Begin?

The program accepts new students every fall.

APPLY FOR FINANCIAL AID OR OTHER FUNDING

Please complete:

The FAFSA application: The Free Application for Federal Student Aid (FAFSA) provides financial aid for U.S. citizens and eligible non-citizens, such as permanent residents. Visit the [FAFSA website](#) to create your FSA ID and to complete your application.

OR

The WASFA application: The Washington Application for State Financial Aid (WASFA) is for DACA or HB 1079 undocumented students. Visit the [Washington Student Achievement Council website](#) to complete your WASFA application.

You can also apply for the [Washington State Opportunity Scholarship](#)

Did you know??? You can apply for CBC scholarships two times every year! Click [here](#) for more information.

PLEASE NOTE: This document represents a sample plan for degree completion with this program of study. Actual course selection and sequence may vary and should be discussed individually with your Completion Coach. Completion Coaches can also help you plan other experiences to enrich your education such as internships, research, learning communities, and campus involvement and community-based learning.

Office Hours: Monday to Thursday 7 am to 4:30 pm; Friday 7 am to noon

LEARN MORE |



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