

**PROGRAM REQUIREMENTS**

[www.cvtc.edu](http://www.cvtc.edu) - 1-800-547-2882

START DATE(S): August (1 <sup>st</sup> year), June (2 <sup>nd</sup> year)	EFFECTIVE: <b>JUNE 2010</b>
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**AUTOMOTIVE TECHNICIAN: Program Outcomes**

*2 year Technical Diploma*

Course Number	Course Title	Hrs./Week	Credits	Prerequisite(s)/Comments
	<b>Fall Semester</b>			
602-100	Automotive Lab Safety (2 weeks) [2 weeks prior to start of semester-32 hrs.]	32	1	Fall only (32 hours over 2 weeks)
602-110	Basic Vehicle Maintenance (1 <sup>st</sup> 8 weeks)	18	5	602-100, Corequisite: 602-111, 112, 113
602-111	Automotive DC Electricity (1 <sup>st</sup> 8 weeks)	4	1	602-100, Corequisite: 602-110, 112, 113
602-112	Intro to Automotive Chassis Systems (2 <sup>nd</sup> 8 weeks)	18	5	602-100, Corequisite: 602-110, 111, 113
602-113	Automotive Chassis Electricity (2 <sup>nd</sup> 8 weeks)	4	1	602-100, Corequisite: 602-110, 111, 112
442-313	Welding - Automotive Technician	2	1	Program & pre-program students
804-360C	<a href="#">Math for Auto/Small Engines</a>	2	2	
	<b>Total Semester Hrs./Week and Total Credits</b>	<b>30</b>	<b>16cr.</b>	
	<b>Spring Semester</b>			
602-120	Advanced Automotive Chassis Systems (1 <sup>st</sup> 8 weeks)	18	5	602-110, 602-111, 602-112, 602-113, 442-313
602-121	Automotive Engine Performance (2 <sup>nd</sup> 8 weeks)	18	5	602-110, 602-111, 602-112, 602-113, 442-313
602-122	Automotive Computer Systems	4	2	602-110, 602-111, 602-112, 602-113, 442-313
801-351	<a href="#">Applied Communications</a>	3	2	
	<b>Total Semester Hrs./Week and Total Credits</b>	<b>43</b>	<b>14 cr.</b>	
	<b>Summer Session</b>			
602-131	Automotive Heating & Air Conditioning Fundamentals	11	3	602-120, 602-121, 602-122
602-132	Advanced Air Conditioning & Climate Control Systems	11	3	602-120, 602-121, 602-122
	<b>Total Semester Hrs./Week and Total Credits</b>	<b>22</b>	<b>6 cr.</b>	
	<b>Fall Semester</b>			
602-140	Automatic Transmissions & Transaxles (1 <sup>st</sup> 8 weeks)	18	5	602-131, 602-132
602-141	Auto Safety & Security Systems (1 <sup>st</sup> 8 weeks)	4	1	602-131, 602-132
602-142	Manual Drivetrain & Axles (2 <sup>nd</sup> 8 weeks)	18	5	602-131, 602-132
602-143	Advanced Engine Performance & Alternative Fuels (2 <sup>nd</sup> 8 weeks)	4	1	602-131, 602-132
809-351	<a href="#">Occupational Relations</a>	3	2	
	<b>Total Semester Hrs./Week and Total Credits</b>	<b>25</b>	<b>14cr.</b>	
	<b>Spring Semester</b>			
602-150	Auto Engine Repair (1 <sup>st</sup> 8 weeks)	18	5	602-140, 602-141, 602-142, 602-143
602-151	Auto Body Service (1 <sup>st</sup> 8 weeks)	4	1	602-140, 602-141, 602-142, 602-143
602-152	Service Simulation (2 <sup>nd</sup> 8 weeks)	20	5	602-140, 602-141, 602-142, 602-143
602-153	ASE Test Prep & End of Program Tests (2 <sup>nd</sup> 8 weeks)	4	1	602-140, 602-141, 602-142, 602-143
	<b>Total Semester Hrs./Week and Total Credits</b>	<b>24</b>	<b>12 cr.</b>	

**TOTAL CREDITS REQUIRED = 62                      2.0 MINIMUM PROGRAM CUMULATIVE GPA REQUIRED FOR GRADUATION**

This program operates on a year-round basis; therefore, summer session attendance is required in addition to regular school year attendance. If a student does not enroll in any courses at CVTC for two or more consecutive semesters, the student will be required to reapply with Admissions. Students must abide by any changes in admission requirements and degree requirements.

*\*All 602 courses are restricted to students admitted to the Automotive Technician program.*

# Automotive Technician Tips

**\*\*Applicants interested in continuing into the two-year Automotive Technician program will declare their intent with the Admissions Office after the end of their initial fall semester of enrollment and before February 15<sup>th</sup> of the following winter/spring semester. (A minimum of 14 students will be selected to proceed to the second year of the Automotive Technician program).**

~ Provisional Selection will be based on applicants receiving a “C” grade or better in all of the following first semester courses:

602-110 Basic Vehicle Maintenance	602-113 Automotive Chassis Electricity
602-111 Automotive DC Electricity	442-313 Welding-Automotive Technician
602-112 Intro to Automotive chassis Systems	804-360C Math for Technical Trades

~ Final Selection will also include applicants receiving a “C” grade or better in all of the following second semester courses:

602-120 Advanced Automotive Chassis Systems	602-122 Automotive Computer Systems
602-121 Automotive Engine Performance	801-351 Applied Communications

~ Tie-breaker - Date of initial application to the one-year program will be used in cases of identical selection criteria.

***Advanced Placement:*** Previous graduates of a one-year Automotive Maintenance Technician program who meet the above criteria may apply for advanced placement to the two-year program. Contact the Admissions Office for application information.

## Labs

This program does not include an open lab; instead the lab operates on a set schedule.

## ASE Exams

Upon completion of this program, students may write the ASE (Automotive Service Excellence) exams. The ASE credential enhances students’ employability. See instructor for test dates, registration information, and fees charged by ASE. More information about ASE can be found at [www.asecert.org](http://www.asecert.org).

## Tool Set Purchase

You will be required to purchase an approved tool set from a college-approved vendor prior to starting the program. The required investment in tools may range from \$2,400 to \$3,800. These tools will be used throughout the program.

## Driver’s License Reminder

A valid driver’s license is **not** a requirement for entry into the program. However, in order to test drive customer and school-owned vehicles, you must have a valid driver’s license. Due to insurance reasons, it is imperative that you inform your instructor as soon as possible if your driver’s license becomes revoked or suspended over the course of the school year. You must also inform your instructor if you have any restrictions on your license.

## Financial Aid Consideration

Some courses may not be eligible for financial aid. Courses must be part of a program to be eligible. A list of courses not eligible is located on [www.cvtc.edu](http://www.cvtc.edu).

## **Pre-program Status Students**

Pre-program status students have been accepted into the college and are taking courses before actual entry into the major core courses because the major core courses are filled to capacity or because students wish to begin with General Studies courses before entry into the major core courses. Pre-program status students may take:

<p><b>442-313 - Welding - Automotive Technician</b> <b>801-351 - Applied Communications</b> <b>804-360C - Math for Technical Trades – Auto and Small Engines</b> <b>809-351 – Occupational Relations</b></p>
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## **Pre-program Status Considerations**

- You must estimate how long you will need to wait before beginning your program core courses. As this cannot be predicted exactly, you must make your best guess as you plan which courses to finish before you begin program core courses.
- Federal financial aid requirements say that students must complete their programs by the time 150% of the published credits have been attempted.
- Waiver of the Math for Technical Trades requirement may be possible if a student has completed 3 years of college prep math in high school with a minimum grade of “B”. Contact program counselor for further information at 1-800-547-2882, ext. 6346 or 715-833-6346.