

PROGRAM REQUIREMENTS
www.cvtc.edu - 1-800-547-2882

START DATE(S): August (1 st year), June (2 nd year)	EFFECTIVE: JUNE 2011
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AUTOMOTIVE TECHNICIAN: Program Outcomes

2 year Technical Diploma

Course Number	Course Title	Credits	Prerequisite(s)/Comments
404-335	Fall Semester Automotive Fundamentals <i>[2 weeks prior to start of semester-32 hrs.]</i>	1	Fall only; Program student
404-336	Basic Vehicle Maintenance	4	404-335 or concurrent, Co-requisite: 404-337, 404-338, 404-339
404-337	Automotive Electricity 1	2	404-335 or concurrent, Co-requisite: 404-336, 404-338, 404-339
404-338	Automotive Electricity 2	3	404-335 or concurrent, Co-requisite: 404-336, 404-337, 404-339
404-339	Automotive Brake Systems	3	404-335 or concurrent, Co-requisite: 404-336, 404-337, 404-338
442-313	Welding - Automotive Technician	1	Program & pre-program students
804-360C	<u>Math for Technical Trades</u> – Auto & Small Engines	2	Program & pre-program students
Total Semester Hrs./Week and Total Credits		16 cr.	
404-350	Spring Semester Automotive Steering & Suspension Systems	4	404-336, 404-337, 404-338, 404-339, Co-requisite: 404-351, 404-352, 404-355
404-351	Automotive Engine Performance 1	2	404-336, 404-337, 404-338, 404-339, Co-requisite: 404-350, 404-352, 404-355
404-352	Automotive Engine Performance 2	3	404-336, 404-337, 404-338, 404-339, Co-requisite: 404-350, 404-351, 404-355
404-355	Automotive Engine Performance 3	3	404-336, 404-337, 404-338, 404-339, Co-requisite: 404-350, 404-351, 404-352
801-351	<u>Applied Communications</u>	2	
Total Semester Hrs./Week and Total Credits		14 cr.	
404-356	Summer Session Automotive HVAC Systems	4	404-350, 404-351, 404-352, 404-355, Co-requisite: 404-357
404-357	Auto Safety & Security Systems	2	404-350, 404-351, 404-352, 404-355, Co-requisite: 404-356
Total Semester Hrs./Week and Total Credits		6 cr.	
404-360	Fall Semester Automotive Axles & Drive Trains	2	404-356, 404-357, Co-requisite: 404-361, 404-362, 404-363
404-361	Manual Transmission & Transaxles	3	404-356, 404-357, Co-requisite: 404-360, 404-362, 404-363
404-362	Automatic Transmission & Transaxles	4	404-356, 404-357, Co-requisite: 404-360, 404-361, 404-363
404-363	Engine Repair	3	404-356, 404-357, Co-requisite: 404-360, 404-361, 404-362
809-351	<u>Occupational Relations</u>	2	
Total Semester Hrs./Week and Total Credits		14 cr.	
404-370	Spring Semester Advanced Automotive Chassis Systems	4	404-360, 404-361, 404-362, 404-363, Co-requisite: 404-371, 404-372, 404-373, 404-374
404-371	Advanced Engine Performance & Alternative Fuels	3	404-360, 404-361, 404-362, 404-363, Co-requisite: 404-370, 404-372, 404-373, 404-374
404-372	Service Simulation	3	404-360, 404-361, 404-362, 404-363, Co-requisite: 404-370, 404-371, 404-373, 404-374
404-373	High Performance Automotive	1	404-360, 404-361, 404-362, 404-363, Co-requisite: 404-370, 404-371, 404-372, 404-374
404-374	ASE Test Preparation	1	404-360, 404-361, 404-362, 404-363, Co-requisite: 404-370, 404-371, 404-372, 404-373
Total Semester Hrs./Week and Total Credits		12 cr.	

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 404 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 15th 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:

404-336 Basic Vehicle Maintenance
404-337 Automotive Electricity 1
404-338 Automotive Electricity 2

404-339 Automotive Brake System
442-313 Welding-Automotive Technician
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:

404-350 Automotive Steering & Suspension Systems
404-351 Automotive Engine Performance 1
404-352 Automotive Engine Performance 3

404-355 Automotive Engine Performance 3
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.

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.

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>442-313 - Welding - Automotive Technician 801-351 - Applied Communications 804-360C - Math for Technical Trades – Auto and Small Engines 809-351 – Occupational Relations</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.