



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

START DATE(S): August	EFFECTIVE: AUGUST 2009
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AUTOMOTIVE MAINTENANCE TECHNICIAN: Program Outcomes

Technical Diploma
Group A

Course Number	Course Title	Hrs./Week	Credits	Prerequisite(s)/Comments
First Semester				
404-321	Steering Suspension and Manual Drive Train	20	5	<u>1st 8 wks., Corequisite: 404-353, Pgm. student</u>
404-353	Information Systems and Related Drive Train	10	2	<u>1st 8 wks., Corequisite: 404-321, Pgm. student</u>
404-333	Automotive Electricity, Engine and Body Electrical Systems	20	5	<u>2nd 8 wks., Corequisite:404-303, Pgm student</u>
404-303	Electrical Circuit Troubleshooting and Advanced Body Systems	10	2	<u>2nd 8 wks., Corequisite:404-333, Pgm. student</u>
804-360C	Math for Technical Trades – Auto and Small Engines	3	2	
Total Semester Hrs./Week and Total Credits			16 cr.	
Second Semester				
404-306	Brake Systems and Engine Repair	20	5	<u>1st 8 wks., 404-303, 404-333, Corequisite: 404-307</u>
404-307	Antilock Brake Systems and Engine Mechanical Diagnostics	10	2	<u>1st 8 wks., 404-303, 404-333, Corequisite: 404-306</u>
404-340	Engine Performance	20	5	<u>2nd 8 wks., 404-303, 404-333, Corequisite: 404-334</u>
404-334	Automotive Electronics and Computer Systems	10	2	<u>2nd 8 wks., 404-303, 404-333, Corequisite: 404-340</u>
442-315B	Welding for Auto Maintenance Tech.	4	2	<u>Program student</u>
801-351	Applied Communications	3	2	
Total Semester Hrs./Week and Total Credits			18 cr.	
Summer Session				
404-314	Automatic Transmission Repair	24	3	<u>1st 4 wks., Summer only, 404-334, 404-340</u>
404-308	Automotive Air Conditioning	24	3	<u>2nd 4 wks., Summer only, 404-303, 404-333</u>
Total Semester Hrs./Week and Total Credits			6 cr.	

TOTAL CREDITS REQUIRED = 40

2.0 MINIMUM PROGRAM CUMULATIVE GPA REQUIRED FOR GRADUATION AND SUCCESSFUL COMPLETION OF ALL COURSES IS REQUIRED.

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.

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AUTOMOTIVE MAINTENANCE TECHNICIAN: Program Outcomes

Technical Diploma
Group B

Course Number	Course Title	Hrs./Week	Credits	Prerequisite(s)/Comments
First Semester				
404-333	Automotive Electricity, Engine & Body Elect. Sys.	20	5	<u>1st 8 weeks, Corequisite: 404-303, Pgm student</u>
404-303	Elect. Circuit Troubleshooting & Adv. Body Sys.	10	2	<u>1st 8 weeks, Corequisite: 404-333, Pgm student</u>
404-321	Steering Suspension and Manual Drive Train	20	5	<u>2nd 8 weeks, Corequisite:404-353, Pgm student</u>
404-353	Information Systems and Related Drive Train	10	2	<u>2nd 8 weeks, Corequisite:404-321, Pgm student</u>
442-315B	Welding for Auto Maintenance Technician	4	2	<u>Program student</u>
804-360C	Math for Technical Trades – Auto and Small Engines	3	2	
Total Semester Hrs./Week and Total Credits			18 cr.	
Second Semester				
404-340	Engine Performance	20	5	<u>1st 8 weeks, 404-303, 404-333, Corequisite: 404-334</u>
404-334	Automotive Electronics and Computer Systems	10	2	<u>1st 8 weeks, 404-303, 404-333, Corequisite: 404-340</u>
404-306	Brake Systems and Engine Repair	20	5	<u>2nd 8 weeks, 404-303, 404-333, Corequisite: 404-307</u>
404-307	Antilock Brake Sys. & Engine Mechanical Diag.	10	2	<u>2nd 8 weeks, 404-303, 404-333, Corequisite: 404-306</u>
801-351	Applied Communications	3	2	
Total Semester Hrs./Week and Total Credits			16 cr.	
Summer Session				
404-308	Automotive Air Conditioning	24	3	<u>1st 4 weeks, Summer only, 404-303, 404-333</u>
404-314	Automatic Transmission Repair	24	3	<u>2nd 4 weeks, Summer only, 404-334, 404-340</u>
Total Semester Hrs./Week and Total Credits			6 cr.	

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Automotive Maintenance

Technician Tips

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:

442-315B Welding for Auto Maintenance Technician
801-351 Applied Communications
804-360C Math for Technical Trades – Auto and Small Engines

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.

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.ascert.org.

Summer Session

This program operates on a year-round basis; therefore, summer session attendance is required in addition to regular school year attendance. **Students that receive financial aid must reapply for financial aid for the summer session.** If you interrupt your program in any semester, you will be required to reapply to the program and be admitted on a space-available basis. In addition, this may delay program completion.

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.