



**Course Information**

<b>Course Title</b>	Cooperative Education - Automobile/Automotive Mechanics Technology/Technician
<b>Course Prefix, Num. and Title</b>	AUMT 2380
<b>Division</b>	Vocational Science
<b>Department</b>	Automotive Technology
<b>Course Type</b>	WECM Course
<b>Course Catalog Description</b>	Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. (Capstone Course)
<b>Pre-Requisites</b>	Certificate in Automotive Technology and must be TSI Satisfied
<b>Co-Requisites</b>	Enter Co-Requisites Here.

**Semester Credit Hours**

<b>Total Semester Credit Hours (SCH): Lecture Hours:</b>	3:1:20
<b>Lab/Other Hours</b>	
<b>Equated Pay Hours</b>	3.5
<b>Lab/Other Hours Breakdown: Lab Hours</b>	Enter Lab Hours Here.
<b>Lab/Other Hours Breakdown: Clinical Hours</b>	Enter Clinical Hours Here.
<b>Lab/Other Hours Breakdown: Practicum Hours</b>	Enter Practicum Hours Here.
<b>Other Hours Breakdown</b>	20

**Approval Signatures**

<b>Title</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared by:</b>		
<b>Department Head:</b>		
<b>Division Chair:</b>		
<b>Dean/VPI:</b>		
<b>Approved by CIR:</b>		

## Additional Course Information

**Topical Outline:** Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

Diagnosis and repair of Automotive Brake Systems  
Diagnosis and repair of Automotive Electrical Systems  
Diagnosis and repair of Automotive Engine Performance  
Diagnosis and repair of Automotive Engine Repair  
Diagnosis and repair of Automotive Automatic Transmissions  
Diagnosis and repair of Automotive Manual Transmissions  
Diagnosis and repair of Automotive Steering & Suspension  
Diagnosis and repair of Automotive Heating & Air Conditioning

### Course Learning Outcomes:

**Learning Outcomes – Upon successful completion of this course, students will:**

1. As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.
2. Demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**Methods of Assessment:**

Evaluations of the student will be made a minimum of three (3) times by the employer.

### Required text(s), optional text(s) and/or materials to be supplied by the student:

Complete set of tools with the tool list.

### Suggested Course Maximum:

24

### List any specific or physical requirements beyond a typical classroom required to teach the course.

Employment by an auto repair facility with approval by the Department Head

**Course Requirements/Grading System:** Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

90%to 100% = A

80%to 89% = B

70%to79% = C

60%to 69% = D

Below60% = F

Grade is determined by the CO-OP Student Evaluation Form. Students are rated from 1 (lowest) to 5 (Highest). The grade is based on average from the evaluation sheet.

## Curriculum Checklist:

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
  - Critical Thinking
  - Communication
  - Empirical & Quantitative Skills
  - Teamwork
  - Social Responsibility
  - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist