



**AUT 109 Mechanical Systems II**  
**1 Credit**  
**College Now/CTE**  
**Student Outcomes Checklist**  
[cocc.edu/departments/college-now](http://cocc.edu/departments/college-now)

Student's Name \_\_\_\_\_

Student's Signature \_\_\_\_\_ Completion Date \_\_\_\_\_

High School Teacher's Signature \_\_\_\_\_

Recommended Grade \_\_\_\_\_ High School \_\_\_\_\_

COCC Review Faculty's Signature \_\_\_\_\_

**COURSE DESCRIPTION:** This course will provide a good understanding of the fundamental principles of hand tool names and usage through catalog identification, scan tool introduction and function, based on the Snap-On SolusPro menu and Parameter Identification. Application and resume writing is included to prepare the new student for a job interview in the automotive industry.

**REQUIRED DOCUMENTATION:** The high school teacher will send the completed student outcomes checklist and the signed final grade roster to: College Now Office, Central Oregon Community College, 2600 NW College Way, Bend, OR 97703.

**RECOMMENDED TEXTBOOK:** The following textbook is recommended: *Automotive Technology – Principles, Diagnosis and Service*, by Halderman (Prentice Hall publishing).

**REQUIRED WORKBOOK:** Mechanical Systems II Workbook, by Mays

**GRADING:** A, A-, B+, B, B-, C+, C, D, F.  
 See [College Now Grading Policy](#).

**GRADING SCALE**

**Final Raw Score**

100 – 92	A (4.0 Points)	81 – 80	B- (3.3 Points)
91 – 90	A- (3.7 Points)	79 – 78	C+ (2.3 Points)
89 – 88	B+ (3.3 Points)	77 – 70	C (2.0 Points)
87 – 82	B (3.0 Points)	69 – 65	D (1 Point)
		< 64	F (0 Points)

**FINAL GRADE COMPUTATION:** Assign points based on letter grade given for the Outcomes.

Name & Hand Tool Function \_\_\_\_\_ Points x 33% = \_\_\_\_\_ Points

Snap-On SolusPro scan tool \_\_\_\_\_ Points x 33% = \_\_\_\_\_ Points

Job Application/Resume/  
 Honesty/Verbal & Written  
 Communication \_\_\_\_\_ Points x 34% = \_\_\_\_\_ Points

**Total:** \_\_\_\_\_ Points

**Recommended Letter Grade:** \_\_\_\_\_

**COURSE INSTRUCTIONS:** This course utilizes a mastery level grading system. Mastery means that the student has completed each learning station at 100% proficiency. If the student does not attain 100% proficiency on the first try, it is the student's responsibility to repeat the activity until 100% proficiency is attained. The teacher will initial each outcome when the student achieves 100% proficiency.

**OUTCOMES CHECKLIST:** For you to succeed in this class, you must take ownership of these outcomes. Repeat each skill until you are 100% proficient. Your teacher will observe your skill and initial each task when you have attained 100% proficiency.

Below are the areas that will be covered in AUT 109 Mechanical Systems II.

**OUTCOMES:**

The student should be able to:

1. Demonstrate the correct name and function of hand tools by cataloging an assigned tool box.
2. Study and use an automotive diagnostic scan tool and record various data from the scan tool.
3. Receive guidance towards completing a detailed application and resume in preparation for a job interview in the automotive industry.
4. Demonstrate verbal and written communication by performing assigned tasks.

\_\_\_\_\_ 1. Demonstrate the correct name and function of hand tools used for the automotive service trade.

\_\_\_\_\_ 2. Study and use an automotive scan tool and be able to enter various functions of that scan tool.

**CAREERS IN THE AUTOMOTIVE INDUSTRY**

\_\_\_\_\_ 1. Receive guidance completing a complete application and a resume.

\_\_\_\_\_ 2. Identify the importance of honesty to the success of the automotive technician.

\_\_\_\_\_ 3. Demonstrate verbal and written communication by assigned tasks.

(All appropriate homework assigned using the automotive textbook available as appropriate.)