

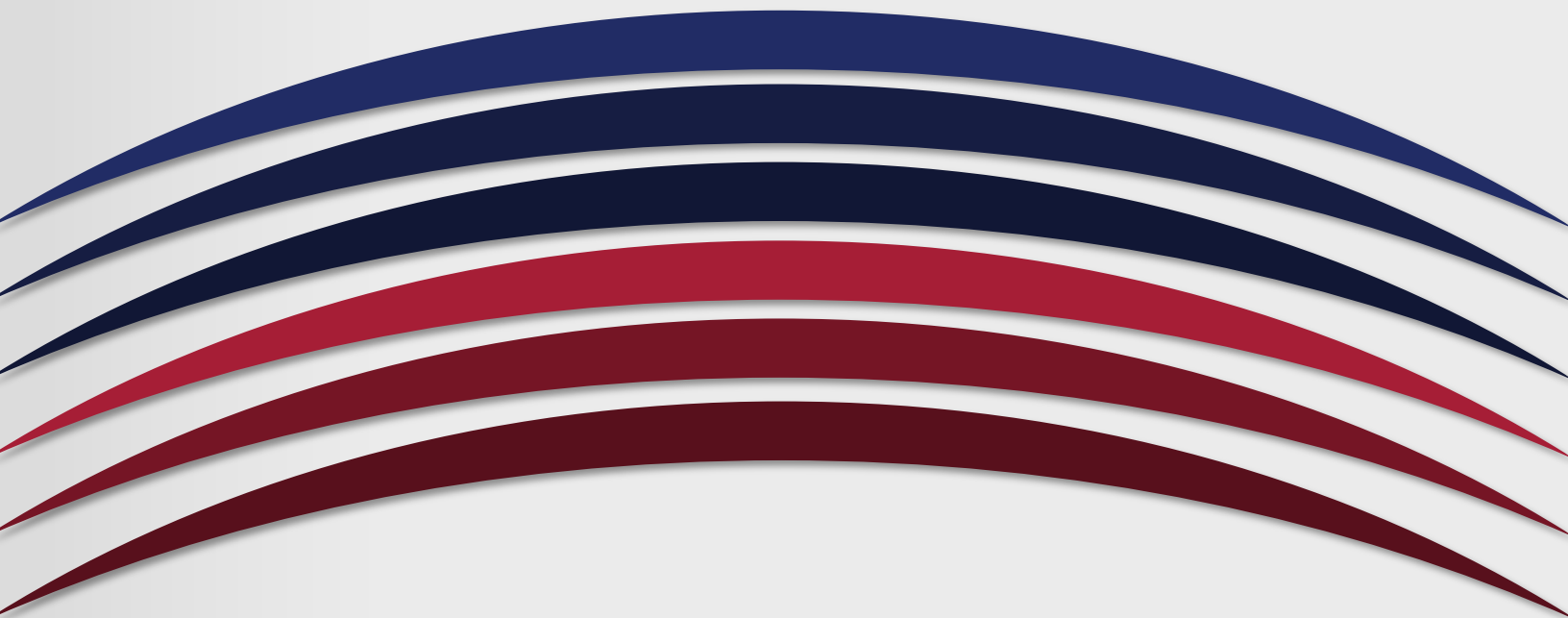
UNIVERSITY OF ARKANSAS
PULASKI TECH

Course-Level Assessment Report

Course: AMS 1002

Academic Year: 2021-2022

**Due to Chair/Program Director and Faculty Assessment Chair by
September 1**



1. Name of course: Automated Manufacturing Systems I
2. Name of individual(s) compiling report: Nicholas C. Speer
3. Date of submission: Sept. 6, 2022
4. Academic year: 2021-2022

Course-Level Learning Outcomes

1. What are the Course-Level Outcomes (CLOs)?

OBJECTIVES: Upon completion of this course the student should be able to:

1. Explain contributions and significant advances in manufacturing.
2. Develop the basic soft skills of the industry trade including reading, writing, listening, and speaking.
3. Demonstrate effectively communication on the job using electronic communication devices.
4. Apply safe work practices and procedures in accordance with OSHA standards.
5. Recognize hazards and follow safety procedures required for materials handling.
6. Safely use and maintain common and/or specialized hand tools and power tools.

2. Which CLOs were addressed for the academic year?

Explain contributions and significant advances in manufacturing.

Develop the basic soft skills of the industry trade including reading, writing, listening, and speaking.

Demonstrate effectively communication on the job using electronic communication devices.

Apply safe work practices and procedures in accordance with OSHA standards.

Recognize hazards and follow safety procedures required for materials handling.

Safely use and maintain common and/or specialized hand tools and power tools.

3. Which CLOs are being addressed in your assessment plan in the upcoming academic year?

Explain contributions and significant advances in manufacturing.

Develop the basic soft skills of the industry trade including reading, writing, listening, and speaking.

Demonstrate effectively communication on the job using electronic communication devices.

Apply safe work practices and procedures in accordance with OSHA standards.
Recognize hazards and follow safety procedures required for materials handling.
Safely use and maintain common and/or specialized hand tools and power tools.

4. How does this report connect or map to program-level or institutional-level outcomes?

(ILO link: <https://uaptc.edu/college-academics/resources/student-learning-outcomes>

PLO list will vary depending on your Program.)

List all supporting courses	Program Learning Outcomes				
	PLO #1	PLO #2	PLO #3	PLO #4	PLO #5
<i>Manufacturing Processes</i>	I			I	
<i>Automated Manufacturing Systems I</i>	I				
<i>Automated Manufacturing Systems II</i>					
<i>Automated Manufacturing Systems III</i>					
<i>Automated Manufacturing Systems IV</i>					
<i>Computer Numerical Control I (CNC I)</i>	D	D	D		M
<i>Computer Numerical Control II (CNC II)</i>	M	M	M		M
<i>Quality Control & Inspection</i>	I				
<i>Print Reading & Sketching</i>		I			

For each Course Level Outcome assessed this academic year, please complete the chart below, providing the assessment data for both fall and spring, and then a total for the academic year.

<p>Assessment Methods- How did you assess student learning (define direct assessment methods used) in relation to the course level outcome being reported?</p> <p><i>Note: If more than one assessment method was used, you may insert an additional row.</i></p>	<p>All students enrolled in AMS 1002 (Automated Manufacturing Systems I) complete 17 modules in Amatrol and then are tested on each module.</p>
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Were indirect assessment methods also used to assess students? If 'yes', please describe the method used.		No
How do you define success for an individual student on the CLO assessment assignment or measure?	Students will score 75% or higher on the module quizzes.	
How do you define success for the course level outcome? What is the benchmark for the Course Level Outcome?	75% of students will score 75% or higher on the module quizzed	
How many students completed the assessment, and how many were successful?	Fall 1 students assessed 1 successful (100% success rate)	Spring Class is not taught during the Spring Semester.
Academic Year Total (add the numbers from Fall and Spring)	1 students assessed 1 successful (100% success rate)	
Was the benchmark/goal for this academic year met?	Yes	
Were standardized rubrics, tests, or checklists used?	Yes	

5. What is your analysis of the findings?

This semester's goal was met. Although there was only one student, the student was success in all modules that was expected.

6. What is the action plan for the upcoming academic year?

Explain.

None.