

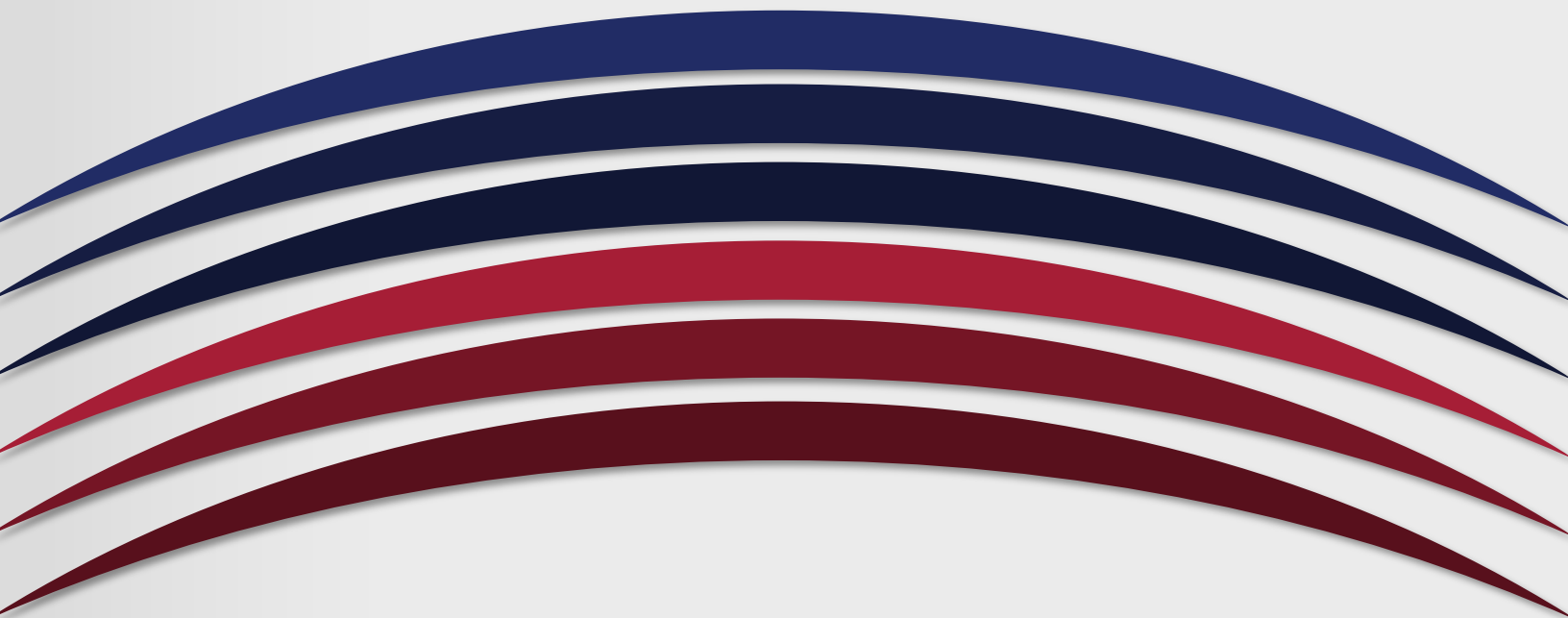
UNIVERSITY OF ARKANSAS
PULASKI TECH

Course-Level Assessment Report

Course: AMS 2003

Academic Year: 2021-2022

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



1. Name of course: Quality Control/Inspection
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. Have a working understanding of the quality control function and the need for inspection.
2. Be competent in the use of hand measuring tools.
3. Understand basic dimensions and tolerances.
4. Understand direct, transfer, and comparison measurements.

2. Which CLOs were addressed for the academic year?

Be competent in the use of hand measuring tools.
Understand direct, transfer, and comparison measurements.

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

Be competent in the use of hand measuring tools.
Understand direct, transfer, and comparison measurements.

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
Manufacturing Processes	I			I	
Automated Manufacturing Systems I	I				
Automated Manufacturing Systems II					
Automated Manufacturing Systems III					
Automated Manufacturing Systems IV					
Computer Numerical Control I (CNC I)	D	D	D		M
Computer Numerical Control II (CNC II)	M	M	M		M
Quality Control & Inspection	I				
Print Reading & Sketching		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 2003 (Quality Control/Inspection) complete Week 4, Mid-Term, Week 12 and a Final Exam which measure their understanding of how to read Inspection tools. Assessment questions have been selected from these exams.</p>	
<p>Were indirect assessment methods also used to assess students? If 'yes', please describe the method used.</p>		No
<p>How do you define success for an individual student on the CLO assessment assignment or measure?</p>	<p>Students will score 75% or higher on the assessment tracking questions.</p>	

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 assessment questions.	
How many students completed the assessment, and how many were successful?	Fall 14 students assessed 13 successful (93% success rate)	Spring 20 students assessed 15 successful (75% success rate)
Academic Year Total (add the numbers from Fall and Spring)	34 students assessed 28 successful (82% 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?

Each CLO is taught in each lesson. Each lesson is focused on a specific measuring tool and each student is taught how to read, use and understand the purpose of each measuring tool. For both semesters show a pass rate of over 82% for all methods of course delivery. Our goals were met for this learning objective. The assessment is based off of pictorial questions that simulate reading the real instrument and the student has to read the instrument correctly.

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

Explain.

Test will be administered in class or online depending on class format. Instructor will review results and data at the end of the fall semester to determine any necessary changes for spring. Instructor will review again after the spring semester ends to identify trends and consider adjustments for the next academic year.