

GBC Class/Course Assessment Report

Course Prefix, Number, and Title: MTT 232 Computer Numerical Control 2
Section Number(s):
Department: Manufacturing Machining Technology

Instructor: Eric Andersen
Academic Year: 2023
Semester: Fall
Is this a GenEd class? Yes ___ No X

Complete and submit your assessment report electronically to your department chair. As needed, please attach supporting documents and/or a narrative description of the assessment activities. You may use as many or as few outcomes as necessary.

Class/Course Outcomes	Assessment Measures	Assessment Results	Outcome Results Analysis
In the boxes below, summarize the outcomes assessed in your class or course during the last year. If this is a GenEd class, include the appropriate GenEd objectives.	In the boxes below, summarize the methods used to assess course outcomes during the last year. Include the criterion you'll use to judge whether or not students have achieved the expected outcome.	In the boxes below, summarize the results of your assessment activities during the last year. Include your judgement as to whether or not the criterion for student achievement has been met.	In the boxes below, please reflect on this outcome's results and summarize how you plan to use the results to improve student learning.
Outcome #1: using more advanced programming strategies for CNC Milling	Assessment Measure: Individual instruction and observation of each student while they complete more advanced setup and programs for CNC Mills Criterion for achievement: Completion of homework and quizzes >60%	Results: All students have shown acceptable proficiency with more complex CNC milling Criterion Met: Yes /No	1. Results Analysis: Outcome achieved 2. Action Plan: No action needed
Outcome #2: using more advanced programming strategies for CNC Turning	Assessment Measure: Individual instruction and observation of each student while they complete more advanced setup and programs for CNC Lathes Criterion for achievement: Completion of homework and quizzes >60%	Results: All students have shown acceptable proficiency with more complex CNC Turning Criterion Met: Yes /No	1. Results Analysis: Outcome achieved 2. Action Plan: No action needed

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<p>Outcome #3: Set-up and run “Conversational” programs on a CNC Milling Machine</p>	<p>Assessment Measure: Individual instruction and observation of each student while they set-up, create, and run conversational CNC milling programs.</p> <p>Criterion for achievement: Completion of homework and quizzes >60%</p>	<p>Results: All students showed proficiency in setting up, creating and running multiple CNC milling programs.</p> <p>Criterion Met: Yes/No</p>	<p>1. Results Analysis: Outcome achieved</p> <p>2. Action Plan: No action needed</p>
<p>Outcome #4: Set-up and run “Conversational” programs on a CNC Turning Center</p>	<p>Assessment Measure: : Individual instruction and observation of each student while they set-up, create, and run conversational CNC Turning programs.</p>	<p>Results: All students showed proficiency in setting up, creating and running multiple CNC Turning programs.</p> <p>Criterion Met: Yes/No</p>	<p>1. Results Analysis: Outcome achieved</p> <p>2. Action Plan: No action needed</p>
<p>Outcome #5:</p>	<p>Assessment Measure:</p>	<p>Results:</p> <p>Criterion Met: Yes/No</p>	<p>1. Results Analysis:</p> <p>2. Action Plan:</p>

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Reflections: This next academic year I will have more 2nd year students than ever before. This course can get somewhat bottlenecked at the different CNC machines. I believe I will have to create more team activities that will allow more students to get enough time on each CNC machine for the projects to be completed.

I have reviewed this report:

Department Chair

Date _____

Dean

Date _____

Vice President of Academic Affairs and Student Services

Date _____