GBC Class/Course Assessment Report

Course Prefix, Number, and Title: MTT 100 Measurement
Section Number(s):
Department: Manufacturing Machining Technology
Instructor: Eric Andersen

Academic Year: 2019
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: Understand the Machinist inch and fractions	Assessment Measure: Individual instruction multiple worksheets and quizzes throughout the semester. Criterion for achievement: Passing grades on the main fractions and machinist inch test	Results: A Majority of students have passesed the main test for this subject with a score of >60% Criterion Met: Yes	1. Results Analysis: Objective achieved 2. Action Plan: No action needed
Outcome #2: learn to use vernier and dial calipers to measure parts	Assessment Measure: Individual instruction and multiple lab work with worksheets and multiple quizzes. Criterion for achievement: passing grade on the main Caliper test	Results: A Majority of students passed the main Caliper test with a score of >60% Criterion Met: Yes	1. Results Analysis: Objective achieved 2. Action Plan:No action needed

GBC Class/Course Assessment Report

Outcome #3: Learn to use various types of Micrometers to measure parts.	Assessment Measure: Individual instruction and multiple lab work with worksheets and multiple quizzes. Criterion for achievement: passing grade on main Micrometer test.	Results: A majority of students passed the main Micrometer test with a score of >60% Criterion Met: Yes	1.Results Analysis: Objective achieved 2. Action Plan: No action needed
Outcome #4: Learn basic drawing interpretation and Geometric Dimensioning and tolerance.	Assessment Measure: Individual instruction and multiple worksheets and quizzes. Criterion for achievement:passing grade on main GD&T drawings test	Results: A majority of students passed the main GD&T Drawings test with a score of >60% Criterion Met: Yes	1.Results Analysis: Objective acheived 2. Action Plan: No Action needed
Outcome #5:	Assessment Measure: Criterion for achievement:	Results: Criterion Met: Yes/No	1. Results Analysis: 2. Action Plan:
Outcome #6:	Assessment Measure: Criterion for achievement:	Results: Criterion Met: Yes/No	1. Results Analysis: 2. Action Plan:

GBC Class/Course Assessment Report

Notes:In reflection I feel that this class runs fairly smoothly for being a subject that most of the students have very little experience in. I will be converting this class into more of a hybrid offering with one of the two classes a week to be online learning. I think that I should concentrate a bit harder on the fraction and machinist inch portion of the class as soft math skills seem to be lacking in the majority of my students. I also am going to reiterate some GD&T principles in the drawings portion of CADD 245.

I have reviewed this report:

_____
Department Chair

Date_____

_____
Dean

Date_____

_____
Vice President of Academic Affairs and Student Services

Date_____

GBC Class/Course Assessment Report