

GBC Class/Course Assessment Report

Course Prefix, Number, and Title: CADD 245 Solidworks
 Section Number(s):
 Department: Manufacturing Machining Technology
 Instructor: Eric Andersen

Academic Year: 2020
 Semester: Spring
 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: Learn basic 3D modeling in Solidworks	Assessment Measure: Individual instruction and observation of each student while they are using Solidworks Criterion for achievement: Completion of practice models within 2% of total Mass	Results: Many students were making very good progress towards finishing all the models prior to the pandemic Criterion Met: Yes	1. Results Analysis: Outcome was looking good to be completed 2. Action Plan: No action needed
Outcome #2: Learn Basic drawing functions in Solidworks	Assessment Measure: Individual instruction and observation of each student while they are making drawings in Solidworks Criterion for achievement: Completion of drawing exercises with a grade of >60%	Results: Due to the pandemic this section was not reached. Currently the students are being taught this on an accelerated schedule. Criterion Met: No	1. Results Analysis: Outcome being achieved in an accelerated format 2. Action Plan: No action needed

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<p>Outcome #3: Learn Basic assemblies in Solidworks</p>	<p>Assessment Measure: Individual instruction and observation of each student while they are creating assemblies in Solidworks</p> <p>Criterion for achievement: Completion of assembly projects with an acceptable grade of >60%</p>	<p>Results: Due to the pandemic this section was not reached. Currently the students are being taught this on an accelerated schedule.</p> <p>Criterion Met: No</p>	<p>1. Results Analysis: Outcome being achieved in an accelerated format</p> <p>2. Action Plan: No action needed</p>
<p>Outcome #4: passing the CSWA exam and achieving the certificate.</p>	<p>Assessment Measure: Students will take the Certified Solidworks Associate Exam and pass</p> <p>Criterion for achievement: Passing the exam and receiving the certificate</p>	<p>Results: Due to the pandemic the CSWA exam will have to be taken at a later date once these students have progressed.</p> <p>Criterion Met: No</p>	<p>1. Results Analysis: Outcome not achieved but will be offered in the future to those students who move on.</p> <p>2. Action Plan: No action needed</p>

Notes: In reflection I feel as a result of the pandemic many of my students have struggled to keep up their skills in Solidworks. Currently an accelerated class version is being held and the students will be learning the fundamentals needed, however the only way to have them take the CSWA exam is to have many hours of practice. Those wishing to achieve the CSWA certificate will be working with me in the next school year to get the practice needed. I have been adding ample content to a google class for CADD 245 but students need access to robust enough computers to do the content from home. I will be converting some of the class into a hybrid online format, the computer requirements will be a hurdle that I am currently trying to overcome. I will also be adding some GD&T content to the drawings section of the course.

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I have reviewed this report:

Department Chair

Date _____

Dean

Date _____

Vice President of Academic Affairs and Student Services

Date _____