

Assessment: Program Four Column

2019-20 Drafting and Design Technology



Acad Program - Drafting and Design Technology (AAS)

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Mission: The mission of the Drafting and Design Technology program is to provide students an opportunity to obtain board and computer drafting skills needed for employment and career advancement.

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
<p>PLO #1 - Upon completing this program, students will be able to use AutoCAD in various disciplines of drafting.</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021</p> <p>Start Date: 07/01/2016</p>	<p>Presentation - Drafting students will give a presentation on AutoCAD in CADD 1201.</p> <p>Criterion: 70% of the Drafting students will score a 70 or better on the AutoCAD presentation in CADD 1201.</p>	<p>Reporting Period: 2019 - 2020 EoY</p> <p>Result Type: Criterion Met</p> <p>7/10 (70%) of the students in CADD 1201 scored a 70 or better on their presentation. (05/21/2020)</p> <p>Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results):</p> <p>More informal opportunities will be given to students to present in class, such as reading their answers to homework out loud. This will help them to be better prepared for the formal presentation. (05/21/2020)</p>
	<p>Demonstration - Drafting students will demonstrate the proper use of common drafting tools and the ability to construct basic layouts in DRFT 1103.</p> <p>Criterion: 70% of the students in DRFT 1103 will score a 70 or better on the Bracket Project.</p>	<p>Reporting Period: 2019 - 2020 EoY</p> <p>Result Type: Criterion Met</p> <p>17/19 (89%) of the students in DRFT 1103 scored a 70 or better on the project. (05/21/2020)</p> <p>Analysis: The criterion was far exceeded.</p>	<p>Action Taken (Use of Results):</p> <p>Much of the hands-on portion of the class will be delivered at the beginning of the semester from now on in case students have to move online for COVID. (05/21/2020)</p>
<p>PLO #2 - Upon completing this program, students will be able to interpret ideas or sketches into working drawings.</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021</p>	<p>Demonstration - Drafting students will sketch and measure an existing piece of equipment to complete a set of drawings in DRFT 2305.</p> <p>Criterion: 70% of Drafting students in DRFT 2305 will score a 70 or better on the Steel Platform Project.</p>	<p>Reporting Period: 2019 - 2020 EoY</p> <p>Result Type: Criterion Met</p> <p>10/10 (100%) of the students in DRFT 2305 scored a 70 or better on the project. (05/21/2020)</p> <p>Analysis: The criterion was far exceeded.</p>	<p>Action Taken (Use of Results):</p> <p>Some thought will be given to increasing the criterion in the future. One more year of data will be analyzed before an decision is made. (05/21/2020)</p>

Program Learning Outcomes	Assessment Methods	Assessment Results	Action Taken (Use of Results)
<p>Start Date: 07/01/2016</p>	<p>Demonstration - Drafting students will complete a set of CAD drawings from an assigned sketch in DRFT 2305. Criterion: 70% of Drafting students in DRFT 2305 will score a 70 or better on Problem 22.1.</p>	<p>Reporting Period: 2019 - 2020 EoY Result Type: Criterion Met 9/10 (90%) of the students in DRFT 2305 scored a 70 or better on the problem. (05/21/2020) Analysis: The criterion was far exceeded.</p>	<p>Action Taken (Use of Results): Some thought will be given to increasing this criterion next year. We will review the results for one more year before making a final decision. (05/21/2020)</p>
<p>PLO #3 - Upon completing this program, students will be able to collect field notes and data on existing equipment or property to be used in the creation of working drawings. Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021</p>	<p>Demonstration - Drafting students will measure and sketch all necessary views, notes, and dimensions to complete a set of drawings in the field in DRFT 2304. Criterion: 70% of Drafting students in DRFT 2304 will score a 70 or better on the Mini-Plant Project.</p>	<p>Reporting Period: 2019 - 2020 EoY Result Type: Criterion Met 13/13 (100%) of the students in DRFT 2304 scored a 70 or better on the project. (05/21/2020) Analysis: The criterion was far exceeded.</p>	<p>Action Taken (Use of Results): It is likely that this criterion is set too low for a 3rd or 4th semester Drafting course. We will keep the criterion the same for one more year, but it is likely that the criterion will increased in the future. (05/21/2020)</p>
<p>Start Date: 07/01/2016</p>	<p>Demonstration - Drafting students will convert field notes and sketches of equipment into CAD files in DRFT 2304. Criterion: 70% of Drafting students in DRFT 2304 will score a 70 or better on Problem 21.26.</p>	<p>Reporting Period: 2019 - 2020 EoY Result Type: Criterion Met 10/13 (77%) of the students in DRFT 2304 scored a 70 or better on the problem. (05/21/2020) Analysis: The criterion was met.</p>	<p>Action Taken (Use of Results): More emphasis will be given to field sketches prior to this problem being assigned. (05/21/2020)</p>