

Drafting and Design Technology PLOs 2020-21



Acad Program - Drafting and Design Technology (AAS)

Unit Assessment Coordinator: David Shankle

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: 2020 - 2021 EoY</p> <p>Result Type: Criterion Met</p> <p>At least 70% of the Drafting students scored a 70 or better on the AutoCAD presentation in CADD 1201 (06/01/2021)</p> <p>Analysis: Actual percentage was 75% success rate for Fall 2020 - Spring 2021 combined semesters.</p>	<p>Action Taken (Use of Results): No changes at this time. (06/30/2021)</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: 2020 - 2021 EoY</p> <p>Result Type: Criterion Met</p> <p>86% of the students in DRFT 1103 scored a 70 or better on the Bracket Project. (06/01/2021)</p> <p>Analysis: Fall 2020 - Spring 2021</p>	<p>Action Taken (Use of Results): The criterion was met. (06/30/2021)</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>Start Date: 07/01/2016</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: 2020 - 2021 EoY</p> <p>Result Type: Criterion Met</p> <p>78% of drafting students in DRFT 2305 scored a 70 or better on the Steel Platform Project. (06/01/2021)</p> <p>Analysis: Fall 2020 - Spring 2021</p>	<p>Action Taken (Use of Results): The criterion was met; however, the percentage should be higher. Maybe adjustments should be made to the assignment. (06/30/2021)</p>
	<p>Demonstration - Drafting students</p>	<p>Reporting Period: 2020 - 2021 EoY</p>	<p>Action Taken (Use of Results): No</p>

Program Learning Outcomes	Assessment Methods	Assessment Results	Action Taken (Use of Results)
	<p>will complete a set of CAD drawings from an assigned sketch in DRFT 2305.</p> <p>Criterion: 70% of Drafting students in DRFT 2305 will score a 70 or better on Problem 22.1.</p>	<p>Result Type: Criterion Met</p> <p>89% of drafting students completed a set of CD drawings from an assigned sketch in DRFT 2305 (06/01/2021)</p> <p>Analysis: Fall 2020 - Spring 2021</p>	<p>changes will be implemented at this time. (06/30/2021)</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.</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>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.</p> <p>Criterion: 70% of Drafting students in DRFT 2304 will score a 70 or better on the Mini-Plant Project.</p>	<p>Reporting Period: 2020 - 2021 EoY</p> <p>Result Type: Criterion Met</p> <p>100% of drafting students in DRFT 2304 scored a 70 or better on the Mini-Plant Project. (06/01/2021)</p> <p>Analysis: Fall 2020 - Spring 2021</p>	<p>Action Taken (Use of Results):</p> <p>The criterion needs to be raised. (06/30/2021)</p>
	<p>Demonstration - Drafting students will convert field notes and sketches of equipment into CAD files in DRFT 2304.</p> <p>Criterion: 70% of Drafting students in DRFT 2304 will score a 70 or better on Problem 21.26.</p>		