

Assessment: Program Four Column

2022-23 Drafting and Design Technology



Acad Program - Drafting and Design Technology (AAS)

Unit Assessment Coordinator: Margaret Coleman, Ph.D.

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, 2021 - 2022, 2022 - 2023</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: 2022 - 2023 EoY</p> <p>Result Type: Criterion Met</p> <p>Fall 2022 - N/A</p> <p>Spring 2023 - 15 out of 15 students met the criterion</p> <p>100% of the students gave a presentation on AutoCAD with a score of 70 or better.</p> <p>(06/15/2023)</p> <p>Additional Notes: Goodman</p> <p>Analysis: Criterion was exceeded with 100%</p>	<p>Action Taken (Use of Results): No changes should be made.</p> <p>(06/15/2023)</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: 2022 - 2023 EoY</p> <p>Result Type: Criterion Met</p> <p>Fall 2022 - 8 out of 9 students met the criterion</p> <p>Spring 2023 - 4 out of 4 students met the criterion</p> <p>Total - 12 out of 13 students met the criterion</p> <p>92% of the students demonstrated the proper use of common drafting tools and the ability to construct basic layouts with a score of 70 or better. (06/15/2023)</p> <p>Additional Notes: Parker</p> <p>Analysis: Students gained knowledge and acquired skills in meeting the criterion.</p>	<p>Action Taken (Use of Results): No changes are required.</p> <p>(06/15/2023)</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>Demonstration - Drafting students will sketch and measure an existing piece of equipment to complete a set of drawings in DRFT 2305.</p>	<p>Reporting Period: 2022 - 2023 EoY</p> <p>Result Type: Criterion Met</p> <p>Fall 2022 - N/A</p> <p>Spring 2023 - 15/15</p>	<p>Action Taken (Use of Results): No changes are needed. (06/15/2023)</p>

Program Learning Outcomes	Assessment Methods	Assessment Results	Action Taken (Use of Results)
<p>Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022, 2022 - 2023 Start Date: 07/01/2016</p>	<p>Criterion: 70% of Drafting students in DRFT 2305 will score a 70 or better on the Steel Platform Project.</p> <p>Demonstration - Drafting students 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>100% of the students completed the steel platform project with a score of 70 or better. (06/15/2023) Additional Notes: Goodman Analysis: Criterion was exceeded.</p> <p>Reporting Period: 2022 - 2023 EoY Result Type: Criterion Met Fall 2022 N/A Spring 2023 15/15</p> <p>100% of the students score a 70 or better on Problem 22.1. (06/15/2023) Additional Notes: Goodman Analysis: Students exceeded the criterion with 100%.</p>	<p>Action Taken (Use of Results): No changes will be made. (06/15/2023)</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, 2021 - 2022, 2022 - 2023 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 the students in DRFT 2304 will score a minimum of 70 on Problem 9.1.</p>	<p>Reporting Period: 2022 - 2023 EoY Result Type: Criterion Met Fall 2022 - N/A Spring 2023 - 15 out of 15 students met the criterion 100% of the students converted field notes and sketches of equipment into CAD files with a score of 70 or better. (06/15/2023) Additional Notes: Goodman Analysis: Students exceeded the criterion with 100%.</p>	<p>Action Taken (Use of Results): No changes should be made to the assessment. (06/15/2023)</p>
<p>Start Date: 07/01/2016</p>	<p>Demonstration - Drafting students will complete the Hot Unit project. Criterion: 70% of the students in DRFT 2304 will score a minimum of 70 on Problem 8-2 and the Hot Unit project.</p>	<p>Reporting Period: 2022 - 2023 EoY Result Type: Criterion Met Fall 2022 - N/A Spring 2023 - 14 out of 15 students met the criterion 93% of the students completed the hot unit project with a score of 70 or better. (06/15/2023) Additional Notes: Goodman Analysis: Criterion was exceeded.</p>	<p>Action Taken (Use of Results): Students are proficient, therefore, no changes will be made. (06/15/2023)</p>