FD2130 3D DESIGN

Credits: 3

This sophomore level course explores theories and practices of three-dimensional design. Students use a variety of materials, processes, and techniques to explore fundamental issues such as volume, form, space, tension, color, and structure.

Prerequisites: FD1020 2D Design

Course Learning Outcomes	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Recognize major concepts and issues fundamental to 3-D design through exercises, projects and readings specific to the course.	Able to show an advanced understanding of fundamental concepts and elements related to 3D Design. The work submitted illustrates an advanced understanding of volume, form, space, tension, color, and structure but with little to no flaws.	Able to show an understanding of fundamental concepts and elements related to 3D Design. The work submitted illustrates a basic understanding of volume, form, space, tension, color, and structure but with little to no flaws.	Somewhat able to show an understanding of fundamental concepts and elements related to 3D Design. The work submitted illustrates an understanding of volume, form, space, tension, color, and structure but with multiple falws.	Unable to show an understanding of fundamental concepts and elements related to 3D Design. The work submitted does not show an understanding of volume, form, space, tension, color, and structure	FD1 FD2	Communication Competence Cultural Competence Critical Thinking
Utilize the following processes – addition, subtraction, substitution, assemblage and fabrication as they relate to 3D design practices through class projects.	Able to demonstrate an advanced understanding of fabrication techniques related to 3D Design. The work shows the advanced ability to construct forms using addition, subtraction, substitutions, or assemblage processes with little to no flaws.	Able to demonstrate an understanding of fabrication techniques related to 3D Design. The work shows the ability to construct forms using addition, subtraction, substitution, or assemblage processes with little to no flaws.	Somewhat able to demonstrate an understanding of fabrication techniques related to 3D Design. The work shows some ability to construct forms using addition, subtraction, substitution, or assemblage processes but with multiple flaws.	Unable to demonstrate an understanding of fabrication techniques related to 3D Design. The work shows little to no ability to construct forms using addition, subtraction, substitution, or assemblage processes.	FD4	Design Competence
Describe the different ways three-dimensional forms function within a visual language by understanding the vocabulary and terms related to 3D forms.	Clearly and consistently produces written and/or verbal work that reflects an advanced understanding of vocabulary related to 3D forms, fabrication processes, and the Elements and Principles of 3D Design.	Often produces written and/or verbal work that reflects a basic understanding of vocabulary related to 3D forms, fabrication processes, and the Elements and Principles of 3D Design.	Increasingly produces written and/or verbal work that reflects some understanding of vocabulary related to 3D forms, fabrication processes, and the Elements and Principles of 3D Design.	Not able to produces written and/or verbal work that reflects an understanding of vocabulary related to 3D forms, fabrication processes, and the Elements and Principles of 3D Design.	FD1 FD42	Communication Competence Cultural Competence Design Competence