

Creative Fabrication, Minor

The creative fabrication minor is comprised of a suite of courses that introduces the student to studio principles and practices that will inform the creative, intuitive, and critical processes that are vital when realizing ideas into physical material form. The minor is designed to train and prepare the student with a skill set of traditional and emerging tools and methods for inventing, fabricating, constructing, shaping, and prototyping innovative work in a wide range of materials for a variety of products, places, and purposes. This minor offers the challenge of creating a project that demonstrates and tests the student's competence with the making of artifacts that align with the intentions and aspirations of the maker.

Minor Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified. Students who wish to register for 2000-level courses and above need to plan ahead in order to complete prerequisite course(s) ahead of time.

A student pursuing this minor must complete a minimum of four courses exclusive to this minor beyond the courses required for the student's declared major(s), minor(s), or PlusOne.

Required Courses

Code	Title	Hours
Complete one of the following:		2-4
ARTF 1230 and ARTF 1231	Making with Form and Materials and Making with Form and Materials Tools	
ARTG 1270 and ARTG 1271	Design: Process + Practices and Studio for Design: Process + Practices	

Electives

Code	Title	Hours
Complete four courses, including two courses from the same area:		16
Art + Design		
ARTG 2810	Creative Fabrication Design Principles	
ARTG 3100	Physical and Digital Fabrication	
ARTG 3250	Physical Computing	
ARTG 3810	Topics in Creative Fabrication Inquiry	
ARTG 5000	Topics in Design	
Theatre		
THTR 1131	Introduction to Technical Theatre	
THTR 1270	Introduction to Theatrical Design	
THTR 2385	Fashion Construction and Pattern Making	
THTR 2400	Scenic Design	
Architecture		
ARCH 1110 and ARCH 1120	Fundamental Architectural Representation and Fundamental Architectural Design	
ARCH 2240	Architectonic Systems	
ARCH 3450	Advanced Architectural Communication	
Engineering		
GE 1501	Cornerstone of Engineering 1	
GE 1502	Cornerstone of Engineering 2	
GE 5030	Iterative Product Prototyping for Engineers	

GPA Requirement

2.000 GPA required