

CREATIVE TECHNOLOGY AND DESIGN - MINOR

The minor in creative technology and design provides a broad multidisciplinary perspective that integrates practical design skills with a critical, theoretical and historical understanding of technology in media and the arts.

Goals

- Prepare the next generation of artists, designers and media producers.
- Give students the necessary technical, theoretical and historical background to contribute to the development of new functionalities and aesthetics for computer media.
- Facilitate exploration at the intersection of technology and other fields and disciplines.
- Produce active and critically aware producers of creative technology.
- Enable students to think critically and conceptually about creative technology.

For more information, visit the Minor (<https://www.colorado.edu/atlas/academics/undergraduate/ctd-minor/>) webpage.

Requirements

Program Requirements

Students must have a 2.500 cumulative GPA to be admitted to the minor in creative technology and design. Students may not earn both this minor and the BS in creative technology and design.

Students must complete a minimum of 22 credit hours with 7 courses, as detailed below. Coursework used to satisfy the minor requirements cannot be taken pass/fail. A minimum of 15 credit hours must be taken on the Boulder campus. Five of the 7 courses for the CTD Minor must be ATLS courses.

A cumulative GPA of 2.000 or better is required for courses used to satisfy the requirements of this minor. The minimum grade for prerequisite courses in the minor is C-; all other courses must be a minimum grade of C to apply towards the minor. Failing to meet the minimum grade for any individual ATLS required course twice will result in automatic removal from the creative technology and design minor.

Courses may be taken concurrently, although some courses may have recommended and/or required prerequisites.

Required Courses and Credits

Code	Title	Credit Hours
ATLS 1100	Design Foundations	3
ATLS 1300	Computational Foundations 1	4
or APPM 1650	Python for Math and Data Science Applications	
or ASEN 1320	Aerospace Computing and Engineering Applications	
or CSCI 1300	Computer Science 1: Starting Computing	
or ECEN 1310	C Programming for ECE	
or INFO 1701	Programming for Information Science 1	
ATLS 2000	The Meaning of Information Technology	3

or ENES 2020	The Meaning of Information Technology	
ATLS 2100	Image	3
ATLS 2200	Web	3
ATLS 2300	Text	3
Elective (Upper-division course) ¹		3
Total Credit Hours		22

¹ For a list of approved electives, please reference the CTD Minor Degree Audit.