CREATIVE TECHNOLOGY AND DESIGN MAJOR

The Creative Technology and Design major is offered by the ATLAS Institute in the College of Engineering & Applied Science. This unique degree creates the opportunity for CU Boulder students to leverage strong STEM backgrounds by developing technical skills and expertise for careers in creative fields. With small, studio-based courses, the CTD program emphasizes project work, collaboration and creative problem solving. Since its launch, the BS CTD degree program has been one of the fastest growing majors at CU Boulder, with over 40% of our students self-identifying as female.

CONTACT
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LEARN MORE
colorado.edu/atlas
CTD MAJOR OVERVIEW

Students graduating from the BS Creative Technology and Design (CTD) major are prepared for technical careers in a wide range of creative fields. Through a curriculum that emphasizes project-based coursework, students develop engineering, design and critical thinking skills, making them uniquely versatile—able to tackle complex projects that span several disciplines.

During freshman and sophomore years, students complete the College of Engineering core curriculum along with CTD courses. During junior and senior years, students concentrate electives on one focus area, such as user interface and user experience (UI/UX), sound design, interactive computing, robotics, internet of things, physical computing, augmented and virtual reality (AR/VR), or game design. A two-semester capstone course, that includes one major project, completes the major.

CTD students are exposed to regular professional development opportunities, workshops and guest speakers. Many secure internships with industry partners and/or work in research and student labs. In particular, they enter the job market with robust portfolios of creative projects.

CAREERS

Graduates are prepared for a wide spectrum of existing and emerging careers, including:
- motion graphics and animation
- interactive design
- user interface and experience design
- augmented and virtual reality
- digital content production
- web design and development
- computer graphics & visual communication
- gaming and simulation
- digital sound and electronic music
- mobile app design and development

"The Creative Technology and Design program develops students with a unique combination of the discipline of engineering, the complexities of software and hardware development, and the flexibility to design for the unpredictable future with uninhibited confidence."

Beth Galetti,
Senior Vice President, Human Resources, Amazon

EXPLORE CTD & ENGINEERING

College of Engineering tours and informational sessions, including tours of ATLAS research labs and studios, are offered throughout the year. A schedule of events for prospective students is online: colorado.edu/engineering/future-students

Prospective CTD students are also encouraged to email questions or request information directly from CTD program staff: ctdprogram@colorado.edu

HOW TO APPLY

Students wishing to apply should follow the College of Engineering and Applied Science application process prescribed by the CU Boulder Office of Admissions: colorado.edu/admissions

Early Action Deadline: Nov. 15
Regular Decision Deadline: Jan. 15