



## ACC to CU-Boulder Transfer Advising Guide for Creative Technology and Design (B.S)

College of Engineering and Applied Science  
[Creative Technology and Design Department Website](#)

### Program Overview:

Creative Technology and Design (CTD) offers a broad trans-disciplinary curriculum that integrates technological skills with a critical, theoretical, and historical understanding of technology, media and the arts. The undergraduate curriculum infuses creativity into technology and integrates a technically rigorous education with critical thinking, problem solving, and creative production.

### Admission Requirements:

[For more information regarding the admission criteria, please visit our website](#)

**ACC Course Summary:** (the following courses will apply directly to the degree)

\* **BOLD** denotes admission requirement courses (only ONE science course needed for admission)

\*\*denotes recommended requirement before transferring

#### Mathematics:

<b>MAT 201*</b>	<b>Calculus 1</b>	<b>(5 credits)</b>
<b>MAT 202*</b>	<b>Calculus 2</b>	<b>(5 credits)</b>
MAT 255	Linear Algebra	(3 credits)

#### Science:

<b>CHE 111*</b>	<b>General Chemistry 1</b>	<b>(5 credits)</b>
PHY 211	Calc-based Physics 1	(5 credits)
PHY 212	Calc-based Physics 2	(5 credits)

<sup>^</sup>PHY 211 will also count for admission requirement in place of CHE 111

#### Engineering/Computer Science:

CSC 160**	Computer Science 1	(4 credits)
CSC 161	Computer Science 2 (Data Structures)	(4 credits)

#### Humanities and Social Sciences (H/SS):

- Minimum of twelve (12) credit hours at the lower division (100-200) level
  - Six (6) credit hours at the upper-division level – typically taken at CU Boulder
- Please consult our [CCCS humanities and social science list](#) when selecting these classes

# Suggested Five-Year Course Plan for Creative Technology and Design

This is a suggested guide of coursework only and is subject to change. Always consult with your academic advisor for graduation planning purposes.

\*denotes courses that do not apply directly to degree, other than as free electives

## Arapahoe Community College (first two years)

### Fall Semester 1

Course	Course Title	Credits
MAT 121	College Algebra*	4
ENG 121	English Composition 1*	3
	Free Elective*	3
	Free Elective*	3
	<b>Total Credits</b>	<b>13</b>

### Spring Semester 1

Course	Course Title	Credits
MAT 166	Pre-Calculus*	5
CHE 111	College Chemistry 1 (with lab)	5
CSC 119	Intro to Programming*	3
	<b>Total Credits</b>	<b>13</b>

### Fall Semester 2

Course	Course Title	Credits
MAT 201	Calculus 1	5
CSC 160	Computer Science 1	4
	<a href="#">Humanities/Social Science</a>	3
	<b>Total Credits</b>	<b>12</b>

### Spring Semester 2

Course	Course Title	Credits
MAT 202	Calculus 2	5
PHY 211	Physics 1	5
CSC 161	Computer Science 2	4
	<b>Total Credits</b>	<b>14</b>

## CU-Boulder (last three years)

### Fall Semester 3

Course	Course Title	Credits
	Mathematics Elective	3
	Natural Science Elective	3-4
ATLS 2000	Meaning of Technology	3
ATLS 2100	Image	3
ATLS 2200	Web	3
	<b>Total Credits</b>	<b>15-16</b>

### Spring Semester 3

Course	Course Title	Credits
	Mathematics Elective	3
ATLS 2300	Text	3
ATLS 2700	Object	3
ATLS 1100	History of Creative Tech.	3
	<a href="#">Humanities/Social Science</a>	3
	<b>Total Credits</b>	<b>15</b>

## CU-Boulder (last three years)...continued

### Fall Semester 4

Course	Course Title	Credits
ATLS 2500	Form	3
ATLS 2600	Sound	3
	ATLS Focus Course	3
	<a href="#">Humanities/Social Science</a>	3
	Engineering Writing Course	3
	<b>Total Credits</b>	<b>15</b>

### Spring Semester 4

Course	Course Title	Credits
	Critical Perspectives in Tech	3
	Critical Perspectives in Tech	3
	ATLS Focus	3
	ATLS Focus	3
	<a href="#">Humanities/Social Science</a>	3
	<b>Total Credits</b>	<b>15</b>

### Fall Semester 5

Course	Course Title	Credits
ATLS 4100	Capstone 1	3
	Critical Perspectives in Tech	3
	ATLS Focus	3
	ATLS Focus	3
	<a href="#">UD Humanities/Social Science</a>	3
	<b>Total Credits</b>	<b>15</b>

### Spring Semester 5

Course	Course Title	Credits
ATLS 4200	Capstone 2	3
	Critical Perspectives in Tech	3
	ATLS Focus	3
	ATLS Focus	3
	<a href="#">UD Humanities/Social Science</a>	3
	<b>Total Credits</b>	<b>15</b>