PPSC (all campuses) 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

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

*__BOLD__ *denotes admission requirement courses*

***denotes recommended requirement before transferring*

Mathematics:

MAT 2410*	**Calculus 1**	**(5 credits)**
MAT 2420*	**Calculus 2**	**(5 credits)**
MAT 2430 OR	Calculus 3	(5 credits)
MAT 2431	Calculus 3 with Engineering Applications	(5 credits)
MAT 2562	Differential Equations/Linear Algebra	(4 credits)

Science:

CHE 1111*	**General Chemistry 1**	**(5 credits)**
PHY 2111	Calc-based Physics 1	(5 credits)
PHY 2112	Calc-based Physics 2	(5 credits)

^PHY 2111 will also count for admission requirement in place of CHE 1111

Engineering/Computer Science:

CSC 1060**	Computer Science 1	(4 credits)
CSC 1061	Computer Science 2 (Data Structures)	(4 credits)
EGG 1020/1040	Engineering Methodologies/Eng. Projects	(3 credits)
OR EGT 1110	Intro to Design and Engineering Applications	(3 credits)

Humanities and Social Sciences (H/SS):

- Minimum of twelve (12) credit hours at the lower division (1000-2000) 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

Pikes Peak State College (first two years)

Fall Semester 1

Course	Course Title	Credits
MAT 1340	College Algebra*	4
ENG 1021	English Composition 1 (H/SS)	3
	Free Elective*	3
	Humanities/Social Science	3
	Total Credits	**13**

Spring Semester 1

Course	Course Title	Credits
MAT 1440	Pre-Calculus*	5
CHE 1111	College Chemistry 1 (with lab)	5
CSC 1019	Intro to Programming*	3
EGG 1040	Engineering Projects	3
	Total Credits	**16**

Fall Semester 2

Course	Course Title	Credits
MAT 2410	Calculus 1	5
CSC 1060	Computer Science 1	4
	Humanities/Social Science	3
	Free Elective	3
	Total Credits	**15**

Spring Semester 2

Course	Course Title	Credits
MAT 2420	Calculus 2	5
PHY 2111	Physics 1	5
CSC 1061	Computer Science 2	4
	Total Credits	**14**

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
	Total Credits	**15-16**

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
	Total Credits	**12**

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
	Humanities/Social Science	3
	Engineering Writing Course	3
	Total Credits	**15**

Spring Semester 4

Course	Course Title	Credits
	Critical Perspectives in Tech	3
	Critical Perspectives in Tech	3
	ATLS Focus	3
	ATLS Focus	3
	Total Credits	**12**

Fall Semester 5

Course	Course Title	Credits
ATLS 4100	Capstone 1	3
	Critical Perspectives in Tech	3
	ATLS Focus	3
	ATLS Focus	3
	UD Humanities/Social Science	3
	Total Credits	**15**

Spring Semester 5

Course	Course Title	Credits
ATLS 4200	Capstone 2	3
	Critical Perspectives in Tech	3
	ATLS Focus	3
	ATLS Focus	3
	UD Humanities/Social Science	3
	Total Credits	**15**