

General Education Transfer Guide for CT Community Colleges

2021-2022: School of Engineering

This guide provides a list of recommended Connecticut community college courses that will transfer to fulfill the School of Engineering prerequisites. (Please note that not all courses on this list are offered at every CT community college).

I. Competencies

As part of the University General Education Requirements, students need to demonstrate competency in four fundamental areas: information literacy, quantitative skills, second language proficiency and writing, along with environmental literacy.

Second Language Competency

Required: Third year high school-level course in a single foreign language **or** the second semester course in the first year sequence of college level study in a single language

Writing Competency / Information Literacy Competency

Required:

- ENGL 1010 (**or** ENGL 1011 **or** 1007 - no CT community college equivalents)
- Two "W" courses (to be completed once enrolled at UConn)

Community College	Title	UConn
ENG*101 & 102	Comp & Lit & Comp	ENGL 1010
ENG*101 & 103	Comp & Comp II	ENGL 1010
ENG*101 & 110	Comp & Intro to Lit	ENGL 1010

Quantitative (Q) Competency

All engineering majors require MATH 1131Q, MATH 1132Q, MATH 2110Q, and MATH 2410Q. Biomedical Engineering, Computer Engineering, Computer Science, Computer Science & Engineering, and Electrical Engineering also require MATH 2210Q.

Community College	Title	UConn
MAT* 254	Calculus I	MATH 1131Q
MAT* 256	Calculus II	MATH 1132Q
MAT* 268	Calculus III	MATH 2110Q
MAT* 272 or 274	Linear Algebra	MATH 2210Q
MAT* 285 or 286	Differential Equations	MATH 2410Q

Environmental Literacy Competency

Students must pass at least one course of at least three credits in Environmental Literacy. Environmental Literacy courses are designated for this purpose as E courses.

Community College	Title	UConn
BIO* 180	Prin of Environmental Science	NRE 1000E
BIO* 181	Environmental Science	NRE 1000E

Environmental Literacy Competency (Cont'd)

Community College	Title	UConn
EVS* 100	Intro to Environmental Science	NRE 1000E
EVS* 114	Environmental Science	NRE 1000E

II. Content Areas

The courses fulfilling the Content Areas One, Two and Three requirements must be drawn from at least six different subjects as designated by the subject letter code (e.g., ANTH or PVS). The courses within each of these Content Areas must be from two different subjects.

Content Area 1: Arts & Humanities (6 Credits)

PHIL 1104 is required; one additional course from a different subject

Community College	Title	UConn
ARC* 102	Architecture of World	ARTH 1162
ART* 100	Art Appreciation	ART 1000
ART* 101	Art History I	ARTH 1137
ART* 102	Art History II	ARTH 1138
THR* 101	Intro to Theatre	DRAM 1101
ART* 206	Film Study	DRAM 1110
COM* 154	Film Study & Apprec	DRAM 1110
THR* 107	History of Film	DRAM 1110
MUS* 101	Music Hist & Apprec	MUSI 1001
ENG* 114	Children's Literature	ENGL/Lit
ENG* 211	Short Story	ENGL/Lit
ENG* 213	Poetry	ENGL/Lit
ENG* 221, 222	American Lit I & II	ENGL/Lit
ENG* 231, 232	British Lit I & II	ENGL/Lit
ENG* 233	Shakespeare	ENGL/Lit
ENG* 241, 242	World Lit I & II	ENGL/Lit
ENG* 245	Early European Lit	ENGL 1101
ENG* 246	Modern European	ENGL 1103
ENG* 247	Latin American Lit	ENGL/Lit
ENG* 251	African American Lit	ENGL/Lit
ENG* 253	Hispanic American Lit	ENGL/Lit
ENG* 262	Women in Literature	ENGL/Lit
HIS* 101	Western Civ I	HIST 1300
HIS* 102	Western Civ II	HIST 1400
HIS* 201	U.S. History I	HIST 1501
HIS* 202	U.S. History II	HIST 1502
HIS* 121, 122	World Civ I & II	HIST/World
HIS* 123	Contemp Issues	HIST/World
HIS* 215	History of Women	HIST 1203

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Content Area 1: Arts & Humanities (6 Credits)

Community College	Title	UConn
HIS* 218	African-Amer History	HIST/U.S.
PHL* 111	Ethics	PHIL 1104

Content Area 2: Social Sciences (6 Credits)

Community College	Title	UConn
ANT* 101	Intro Anthropology	ANTH 1006
ANT* 105	Intro Cultural Anth	ANTH 1000
ECN* 101	Princ Macroeconomics	ECON 1202
ECN* 102	Princ Microeconomics	ECON 1201
GEO* 101	Intro Geography	GEOG 1000
GEO* 111	World Regional Geog	GEOG 1700
POL* 102	Comparative Politics	POLS 1202
POL* 103	Intl Relations	POLS 1402
POL* 111	American Government	POLS 1602
PSY* 112	General Psych II	PSYC 1101
SOC* 101	Princ Sociology	SOCI 1001
SOC* 103 or 201	Social Problems	SOCI 1251
SOC* 117 or 220	Racial & Ethnic Divers	SOCI 1501

Content Area 3: Science & Technology

CHEM 1127Q, PHYS 1501Q and PHYS 1502Q are required for all majors except B.S. in Computer Science*; additional science courses vary by major

*B.S. in Computer Science majors: One two-semester laboratory course sequence from either chemistry or physics: CHEM 1127Q-1128Q or PHYS 1501Q-1502Q. An additional lab science course must be selected from the department not selected for the sequence, or from BIOL 1107, BIOL 1108, or BIOL 1110.

Laboratory Science Courses¹:

Community College	Title	UConn
BIO* 121	General Biology I	BIOL 1107
BIO* 122	General Biology II	BIOL 1108
BIO* 155	General Botany	BIOL 1110
CHE* 121	General Chem I	CHEM 1127Q
CHE* 122	General Chem II	CHEM 1128Q
PHY* 221	Calc-based Physics I	PHYS 1501Q
PHY* 222	Calc-based Physics II	PHYS 1502Q

Content Area 4: Diversity & Multiculturalism

(6 Credits)

At least three credits must address issues of diversity and/or multiculturalism outside of the United States in International Area of Study (**Content Area 4-INT**). Content Area 4 courses may also appear in Content Area 1 or 2 course listings.

Community College	Title	UConn	Content Area
ANT* 101	Intro Anthropology	ANTH 1006	CA4-INT
ANT* 105	Intro Cultural Anth	ANTH 1000	CA4-INT
GEO* 111	World Regional Geog	GEOG 1700	CA4-INT
POL* 102	Comparative Politics	POLS 1202	CA4-INT
POL* 103	Intl Relations	POLS 1402	CA4-INT
HIS* 215	History of Women	HIST 1203	CA4
SOC* 117, 220	Racial & Ethnic Diversity	SOCI 1501	CA4

Additional recommended course

An Introduction to Programming course which teaches one or more computer programming languages. Python programming language highly encouraged.

Community College	Title	UConn
CSC* 108	Intro to Programming	CSE 1010
CSC* 104	Intro Logic & Programming	CSE 91000
CSC* 106	Structured Programming	CSE 1100
CSC* 124	Program Logic w/Python	CSE 91000

Additional Resources

Undergraduate Catalog:

<https://catalog.uconn.edu/school-of-engineering>

General Education Courses:

<https://undergrad.engr.uconn.edu/advising/gen-ed-list>

Curriculum Outlines:

<https://undergrad.engr.uconn.edu/advising/curriculum-outlines>

If you have additional questions, please contact the Office of Undergraduate Admissions.

admissions.uconn.edu | beahusky@uconn.edu | (860) 486-3137

¹ After spring 2022, laboratory science courses taken online or in a hybrid format are not transferable for credit.