General Education Transfer Guide for CT State Community College

2023-2024: College of Engineering

UCONN COLLEGE OF ENGINEERING

This guide provides a list of recommended CT State Community College courses that will transfer to fulfill College of Engineering general education requirements. (Note that not all courses on this list are offered at every campus.)

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

Community College	Title	UConn
ENG 1010 & 1020	Comp & Comp II Literature	ENGL 1010
ENG 1010 & 1030	Comp & Comp II Non-Fict	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
MATH 2600	Calculus I	MATH 1131Q
MATH 2610	Calculus II	MATH 1132Q
MATH 2620	Calculus III:Multivar	MATH 2110Q
MATH 2621	Linear Algebra	MATH 2210Q
MATH 2622	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 1750	Intro Marine Science	MARN 1001E
OCEN 1010	Intro Oceanography	MARN 1002E
ENV 1010	Intro 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
ARCH 1002	Architecture of World	ARTH 1162
ART 1000	Art Appreciation	ART 1000
ARTH 1001	Global Art Hist Pre 1500 CE	ARTH 1137
ARTH 1002	Global Art Hist 1500CE - Pres.	ARTH 1138
THR 1101	Intro to Theatre	DRAM 1101
ART 1060	Film Study & Apprec	DRAM 1110
COMM 1201	Film Study	DRAM 1110
THR 1106	The Movies	DRAM 1110
MUS 1001	Music Hist & Apprec I	MUSI 1001
ENG 1250	Children's Literature	ENGL/Lit
ENG 2202	Short Story	ENGL/Lit
ENG 2210	Poetry	ENGL/Lit
ENG 2620, 2640	Amer Lit I, Am Lit II	ENGL/Lit
ENG 2520, 2540	British Lit I, Brit Lit II	ENGL/Lit
ENG 2560	Shakespeare	ENGL/Lit
ENG 2320, 2340	World Lit I, World Lit II	ENGL/Lit
ENG 2420	Early Western Lit	ENGL 1101
ENG 2440	Modern Western Lit	ENGL 1103
ENG 2711	Contemp Latin Am Lit	ENGL/Lit
ENG 2680	African American Lit	ENGL/Lit
ENG 2802	Women in Literature	ENGL/Lit
HIST 1001	West Hist to 1500s	HIST 1300
HIST 1002	West Hist from 1500s	HIST 1400
HIST 1015	US Hist to 1877	HIST 1501
HIST 1016	US Hist from Reconstr	HIST 1502
HIST 1021, 1022	World Civ I & II	HIST/World
HIST 1047	Hist Immigrant Exper	HIST/U.S.
HIST 2015	Women in US from 1865	HIST/U.S.
HIST 2016, 2017	African-Am Hist I & II	HIST/U.S.
PHIL 1101	Ethics	PHIL 1104

Content Area 2: Social Sciences *(6 Credits)*

Community College	Title	UConn
ANTH 1001	Intro Anthropology	ANTH 1006
ANTH 1005	Intro Cultural Anth	ANTH 1000
ECON 1001	Princ Macroeconomics	ECON 1202
ECON 1002	Princ Microeconomics	ECON 1201
GEOG 1000	Intro Geography	GEOG 1000
GEOG 1010	World Regional Geog	GEOG 1700
POLS 1005	Comparative Politics	POLS 1202
POLS 1006	Intl Relations	POLS 1402
POLS 1002	American Government	POLS 1602
PSY 1011 or 1012	General Psych I or II	PSYC 1101
SOC 1001	Princ Sociology	SOCI 1001
SOC 2001	Cont Social Issues	SOCI 1251
SOC 2020	Racial & Ethnic Diversity	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 Courses:

Community College	Title	UConn
BIO 1210	General Biology I	BIOL 1107
BIO 1220	General Biology II	BIOL 1108
BIO 1550	Botany	BIOL 1110
CHEM 1210	General Chem I	CHEM 1127Q
CHEM 1220	General Chem II	CHEM 1128Q
PHYS 2201	Calc-based Physics I	PHYS 1501Q
PHYS 2202	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
ANTH 1001	Intro Anthropology	ANTH 1006	CA4-INT
ANTH 1005	Intro Cultural Anth	ANTH 1000	CA4-INT
GEOG 1010	World Regional Geog	GEOG 1700	CA4-INT
POLS 1005	Comparative Politics	POLS 1202	CA4-INT
POLS 1006	Intl Relations	POLS 1402	CA4-INT
SOC 2020	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 1201	Intro to Programming	CSE 91000
CSC 1203	Python Fundamentals	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.
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