



TENTATIVE COMPUTER SCIENCE COURSE EQUIVALENCIES-KCTCS

First Year-Fall

LART 195
 ENG 101-English Comp. I
 Foreign Language I
 Phil 103-Logic
 Western Civilization I

 Math 103 or Higher

KCTCS Equivalentents

N/A after 24 hours
 ENG 101*
 Any 101
 PHI 120
 ANT 241,ENG 261, HIS 104,
 PHI 260, HRS 101, HRS 201
 Math 112, 123, 132, 144, 145

First Year –Spring

ENG 102 – English Comp. II
 Foreign Language II
 COSC 181
 Western Civilization II

 Math 204-Cal I

ENG 102
 Any 102
 CIS 146 OR 246
 ANT 242, ENG 262, HIS 105,
 PHI 270, HRS 102, HRS 202
 MATH 113

* ENG 105 is equivalent to ENG 103H and will complete English composition requirements in one semester rather than two.

Second Year – Fall

English Literature
 Math 205-Cal II
 CHEM 101/111
 COSC 281 – Data Structures
 COSC 371-Discrete Math

ENG 221, 222, 251, 252, (261,262**), 264
 MATH 114
 CHEM 105 with Lab
 No Equivalent
 No Equivalent

** ENG 261 & 262 may count as either an English literature requirement or as a western civilization but not as both. Other courses may satisfy this requirement. See the KCTCS equivalency chart for more information.

Second Year – Spring

Math 306 – Cal III
 CHEM 102/112
 Second Programming Language

Math 213
 CHEM 107 with Lab

COSC 350-Software Engineering
Elective

No Equivalent

Third Year-Fall

General Education Elective
MATH 313-Linear Algebra
COSC 400-OS
COSC 410-Database
PHYS 311/211 Cal Based Physics I

PSYC 100 or 110
No Equivalent
No Equivalent
No Equivalent
No Equivalent

Third Year- Spring

General Education Elective
Math 208 – Probability/Statistics
COSC 381-Algorithms
Computer Science Elective
PHYS 312/212 Cal Based Physics II

SOC 101, 152, OR 220
STA 291 OR 295
No Equivalent
No Equivalent
No Equivalent

Fourth Year- Fall

General Education Elective
PE
COSC 430 – AI and Robotics
COSC 430 – Computer Architecture
MATH 311- Differential Equations
Elective

POLS 101, 235 OR 255
Any 1 hour of activity
No equivalent
No equivalent
No equivalent

Fourth Year – Spring

General Education Elective
CS/MIS Seminar
COSC 420
Computer Science Elective
Computer Science math elective
Elective

Fine art: any art, music or theatre
No equivalent

No equivalent
No equivalent

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