UNIVERSITY OF KENTUCKY®

TRANSFER 🏀 18 65 seeblue. PATHWAY

ASSOCIATE IN SCIENCE AND BS IN COMPUTER ENGINEERING

Completion of the following curriculum will satisfy both the requirements for an Associate in Science at KCTCS as well as the requirements for the University of Kentucky's bachelor's degree in Computer Engineering.

Engineering Standing upon transfer is available to students who maintain an overall and pre-major GPA of 2.5. Pre-major courses considered in the standing for Computer Engineering include: CIS/WRD 110 (or equivalent), CS 215, CS 216, CPE 282, MA 114 (or equivalent), MA 213 (or equivalent), CHE 105 (or equivalent), PHY 231, and PHY 232.

KCTCS students planning to transfer to the University of Kentucky should work closely with the UK Transfer Advisor each semester to ensure both KCTCS and UK requirements are met.

1st Semester	
ENG 101: Writing I (3)	
*Social and Behavioral Science course (3)	
MA 113, MAT 174, or MAT 175: Calculus I (4-5)	
CS 115 or CIT 144 or CIT 149 (3)	
*Humanities course (3)	
Semester Hours	16-17

2nd Semester	
ENG 102: Writing II (3)	
MA 114, MAT 184, or MAT 185: Calculus II (4-5)	
PHY 231 + 241: University Physics I (5)	
CS 215 (4)	
Semester Hours	16-17

First Summer Option
Semester Hours

3rd Semester	
PHY 232 + 242: University Physics II (5)	
CHE 170: General College Chemistry I (4)	
MA 213, MAT 213, or MAT 275: Calculus III (4)	
CS 216 (3)	
Semester Hours	16-17

4th Semester	
MA 214, MAT 214, or MAT 285: Calculus IV/Differential Equations (3)	
*Social and Behavioral Science course (3)	
CS 275 (4)	
Oral Communication course (3)	
*Heritage course (3)	
Semester Hours	16

Total Credit Hours: 64-67

Notes: *One course must satisfy the Cultural Studies requirement.

The student must test out of the computer literacy requirement so that CS 115, CIT 144, or 149 can be used to satisfy the Bachelor's Degree requirement.

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Second Summer Option
Semester Hours

5th Semester	
EGR 215 (3)	
CPE 282 (4)	
EE 211 (4)	
STA 381 (3)	
Semester Hours	14

6th Semester	
CPE 287 (4)	
CS 270 (3)	
CS 315 (3)	
CPE 380 (3)	
EE 223 (4)	
Semester Hours	17

Third Summer Option
Semester Hours

7th Semester	
EE 421G (3)	
EE 461G (3)	
CPE 480 (3)	
CPE Elective (3)	
Technical Elective (3)	
Semester Hours	15

8th Semester	
CPE 490 (3)	
CPE Elective (3)	
Technical Elective (3)	
Supportive Elective (3)	
Semester Hours	12

9th Semester	
CPE 491 (3)	
Hardware Elective (3)	
Software Elective (3)	
CPE Elective (3)	
Semester Hours	12

10th Semester	
Semester Hours	

Total Credit Hours: 70