COMPUTER ENGINEERING

Two-Year Transfer Sample Plan - Effective Fall 2024

The sample plan below applies only to Maryland public community college students completing the Associate of Science degree with a focus in Computer Engineering. This includes students who earn an ASE degree or the AS degree at Montgomery College. Students can only transfer 70 credits from their previous institution and must complete a minimum of 50 credits at the University of Maryland (a total of 120 credits is required for a bachelor's degree).

FIRST YEAR

Fall Semester

Course	Title	Cr
ENEE301	Current Trends in ECE	3
ENEE3xx	ENEE304 Intro to Micro/Nanoelectronics OR ENEE322 Signals & Systems Theory	3
ENEE350	Computer Organization	3
CMSC330	Organization of Programming Languages	3
CE Tech El	Categor A: Math/Science Elective	3
Total Credits		15

Spring Semester

Course	Title	Cr
ENEE446	Digital Computer Design	3
Stat Req	ENEE324 Engineering Probability OR STAT400 Applied Probability I	3
CMSC351	Algorithms	3
CE Tech El	Category A: Math/Science Elective	3
Total Credits		12

SECOND YEAR

Fall Semester

Course	Title	Cr
CMSC4xx	Category B: Comp. Sci. Advanced Theory	3
ENEE4xx	Category C: ENEE Advanced Theory	3
ENEE4xx	Category C: ENEE Advanced Theory	3
ENEE4xx	Category D: Advanced Laboratory	2
CE Tech El	Category F: General Technical Elective	3
Total Credits		14

Fall Semester

Course	Title	Cr
ENEE4xx	Category E: Capstone Design	3
CMSC/ENE	Operating Systems (CMSC412 or ENEE447)	4
CE Tech El	Computer Engineering Elective	3
ENGL39x	Professional Writing	3
Total Credits		13

1. Program plan assumes that transfer student has completed all GenEd requirements at their previous institution.

2. While the majority of Advanced Lab courses are 2 credits, the department offers some 3-credit Advanced Lab courses.

3. Sample plan is for informational purposes only. Each student's academic plan and/or duration of program may vary.