

COMPUTER ENGINEERING ASE SAMPLE PLAN - EFFECTIVE FALL 2021

COMPUTER ENGINEERING
ASE Transfer - Sample Plan

The sample plan below applies only to Maryland public community college students completing the Associate of Science in Engineering (A.S.E.) degree in Computer Engineering. Students can only transfer 70 credits from their previous institution and must complete a minimum of 60 credits at the University of Maryland.

FIRST YEAR

Fall Semester

Course	Title	Cr
ENEE200	Engineering, Ethics, and Humanity	3
ENEE3xx	ENEE303 Analog & Digital Electronics OR ENEE322 Signals & Systems Theory	3
ENEE350	Computer Organization	3
CMSC330	Organization of Programming Languages	3
CE Tech El	Category 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
Major	ENEE101 or Alternative	3
Total Credits		15

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
CE Tech El	Category F: General Technical Elective	3
Elective	Elective	3
Total Credits		15

Fall Semester

Course	Title	Cr
ENEE4xx	Category C: Capstone Design	3
ENEE4xx	Category D: Advanced Laboratory	2
CMSC/ENE	Operating Systems (CMSC412 or ENEE447)	4
CE Tech El	Computer Engineering Elective	3
ENGL39x	Professional Writing	3
Total Credits		15

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.