

ELECTRICAL ENGINEERING
Two-Year Transfer Sample Plan - Effective Fall 2021

The sample plan below applies only to Maryland public community college students completing the Associate of Science degree with a focus in Electrical 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
ENEE101	Intro to Electrical and Computer Eng	3
ENEE303	Analog & Digital Electronics	3
ENEE322	Signals & Systems Theory	3
ENEE350	Computer Organization	3
ENEE380	Electromagnetic Theory	3
Total Credits		15

Spring Semester

Course	Title	Cr
ENEE307	Electronic Circuits Design Laboratory	2
ENEE324	Engineering Probability	3
ENEE381	Electromagnetic Wave Propagation	3
ENEE200	Engineering, Ethics, and Humanity	3
ENGL39x	Professional Writing	3
Total Credits		14

SECOND YEAR

Fall Semester

Course	Title	Cr
ENEE4xx	Category A: Advanced Theory	3
ENEE4xx	Category B: Advanced Laboratory2	2
ENEE4xx	Required Upper-level ENEE Elective	3
ENEE4xx	Required Upper-level ENEE Elective	3
GenTech	Upper-level General Technical Elective	3
Total Credits		14

Fall Semester

Course	Title	Cr
ENEE4xx	Category C: Capstone Design	3
ENEE4xx	Required Upper-level ENEE Elective	3
ENEE4xx	Required Upper-level ENEE Elective	3
ENEE4xx	Required Upper-level ENEE Elective	3
Total Credits		12

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.

