

ELECTRICAL 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 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
ENEE301	Current Trends in ECE	3
ENEE304	Intro to Micro and Nanoelectronics	3
ENEE323	Signals & Systems: Theory/Applications	4
ENEE350	Computer Organization	3
Total Credits		13

Spring Semester

Course	Title	Cr
ENEE305	Intro to Micro and Nanoelectronics Lab	2
ENEE324	Engineering Probability	3
ENEE382	Electromagnetics	4
ENEE200	Engineering, Ethics, and Humanity	3
ENGL39x	Professional Writing	3
Total Credits		15

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.

