ELECTRICAL 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 Electrical 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
ENEE303	Analog & Digital Electronics	3
ENEE350	Computer Organization	3
ENEE380	Electromagnetic Theory	3
ENEE322	Signals & Systems Theory	3
Total Credits		15

Spring Semester

Course	Title	Cr
ENEE324	Engineering Probability	3
ENEE307	Electric Circuits Design Lab	2
ENEE313	Introduction to Device Physics	3
ENEE381	Electromagnetic Wave Propagation	3
GenTech	Upper-level General Technical Elective	3
Elective	Elective	1
Total Credits		15

SECOND YEAR

Fall Semester

Course	Title	Cr
MATH4xx	Upper-level General Technical Elective	3
ENGL39x	Professional Writing	3
ENEE4xx	Category A: Advanced Theory	3
ENEE4xx	Category B: Advanced Laboratory2	2
Major	ENEE101 or Alternative	3
Elective	Elective	1
Total Credits		15

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
GenTech	Upper-level General Technical Elective	3
GenTech	Upper-level General Technical Elective	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.