

# ELECTRICAL ENGINEERING

## ASE Transfer - Sample Graduation Plan<sup>1</sup>

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 60 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	Social & Ethical Dimensions of Engr.	3
ENEE303	Analog & Digital Electronics	3
ENEE350	Computer Organization	3
ENEE380	Electromagnetic Theory	3
MATH4xx	Upper-level Math Elective	3
<b>Total Credits</b>		<b>15</b>

#### Spring Semester

Course	Title	Cr
ENEE322	Signals & Systems Theory	3
ENEE307	Electric Circuits Design Lab	2
ENEE313	Introduction to Device Physics	3
ENEE381	Electromagnetic Wave Propagation	3
Gen Tech	Upper-level General Technical Elective	3
ENGL393	Technical Writing	3
<b>Total Credits</b>		<b>17</b>

### SECOND YEAR

#### Fall Semester

Course	Title	Cr
ENEE324	Engineering Probability	3
ENGL393	Technical Writing	3
ENEE4xx	Category A: Advanced Theory	3
ENEE4xx	Category B: Advanced Laboratory <sup>2</sup>	2
Major	ENEE101 or Alternative (i.e. ENES489P)	3
<b>Total Credits</b>		<b>14</b>

#### Spring Semester

Course	Title	Cr
ENEE4xx	Category C: Capstone Design Course	3
ENEE4xx	Required Upper-level ENEE Elective	3
ENEE4xx	Required Upper-level ENEE Elective	2
Gen Tech	Upper-level General Technical Elective	3
Elective	Elective Course	3
<b>Total Credits</b>		<b>14</b>

- 1: Program plans 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 advance lab courses.
3. Sample plan is for informational purposes only. Each student's academic plan and/or duration of program may vary.