

# COMPUTER 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 (please note that major requirements may require students to take beyond 60 credits at UMD).

### FIRST YEAR

#### Fall Semester

Course	Title	Cr
ENEE200	Social & Ethical Dimensions of Engr.	3
ENEE3XX	ENEE303 Analog & Digital Circuits OR ENEE322 Signals & Systems Theory	3
ENEE350	Computer Organization	3
CMSC216	Introduction to Computer Systems	4
CpE Elec	Category A: Math/Science Elective	3
Total Credits		16

#### Spring Semester

Course	Title	Cr
Stat Req	ENEE324 Engr Prob or STAT400 Appl Prob I	3
ENEE446	Digital Computer Design	3
CMSC330	Organization of Programming Languages	3
CMSC351	Algorithms	3
CpE Elec	Category A: Adv. Math/Science Elective	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 D: Advanced Laboratory <sup>2</sup>	2
CpE Elec	Category F: General Technical Elective	3
Major	ENEE101 or Alternative (i.e. ENES489P)	3
Total Credits		14

#### Spring Semester

Course	Title	Cr
CMSC/ENEE	Operating Systems (CMSC412 or ENEE447)	4
ENEE4xx	Category E: Capstone Design Course	3
ENEE4xx	Category C: ENEE Advanced Theory	3
CpE Elec	Computer Engineering Elective	3
ENGL393	Technical Writing	3
Total Credits		16

- 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.