COMPUTER ENGINEERING

ASE Transfer - Sample Graduation Plan [1]

The sample plan below applies to Maryland 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

FIRST YEAR

Fall Semester

Course	Title	Cr
ENEE303	Analog & Digital Electronics	3
ENEE200	Social & Ethical Dimensions of Engr.	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
ENEE307	Electric Circuits Design Lab	2
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		14

SECOND YEAR

Fall Semester

Course	Title	Cr
ENEE322	Signals & Systems Theory	3
CMSC4xx	Category B: Comp. Sci. Advanced Theory	3
ENEE4xx	Category C: ENEE Advanced Theory	3
ENEE4xx	Category E: Capstone Design Course	3
CpE Elec	Category F: General Technical Elective	3
Total Credits		15

Spring Semester

Course	Title	Cr
CMSC412	Operating Systems	4
ENEE4xx	Category D: Advanced Laboratory[2]	2
ENEE324	Engineering Probability	3
CpE Elec	Computer Enginering Elective	3
ENGL393	Technical Writing	3
Total Credits		15

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.