



# School of Electrical Engineering and Computer Science

Ohio University

## Computer Engineering Example Program of Study – 2c – Starting with Algebra

Fall			Winter			Spring		
<b>Freshman</b>								
MATH 113	Algebra	5	MATH 115	Pre-Calculus	4	MATH 263A	Calculus	4
FREE	Free Elective	3-5	EE 101	Intro to EE	4	CHEM 151	Fundamentals of Chem. I	5
ENGLISH	Freshman Composition	5	CS 240A	Intro. to Computer Science	5	CS 240B	Intro. To Computer Science	4
TIER II	Elective T-II	3-5	TIER II	Elective T-II	3-5	FREE	Free Elective	3-5
<b>Sophomore</b>								
EE 210	Foundations of ECE I	4	EE 211	Foundations of ECE III	4	EE 224	Digital Circuits	4
MATH 263B	Calculus	4	EE 221	Instrumentation Laboratory	4	EE 103	Intro to ECE Design	4
EE 102	Intro to CpE	4	MATH 263C	Calculus	4	EE 212	Foundations of ECE III	4
CS 240C	Intro. To Computer Science	4	CS 300	Intro. To Discrete Structures	5	MATH 263D	Calculus	4
						CS 361	Data Structures	5
<b>Junior</b>								
EE 395A	Int. ECE Design Exp.	4	EE 395B	Int. ECE Design Exp.	4	EE 395C	Int. ECE Design Exp.	4
EE 371	App. Prob. & Stat. for EEs	4	EE 321	Electromag. and Materials I	4	PHYS 252	Gen. Physics	5
EE 351	Intermediate CpE I	4	EE 352	Intermediate CpE II	4	MATH 340	Diff. Equations	4
MATH 440	Vector Analysis	4	PHYS 251	Gen. Physics	5	ENG 3XXJ	Junior English	4
<b>Senior</b>								
EE 495A	ECE Capstone Design	4	EE 495B	ECE Capstone Design	4	EE 495C	ECE Capstone Design	4
EE 461A	Digital Systems I	4	SNR-ELEC II	EECS/CpE Elective	3	SNR-ELEC III	EECS/CpE Elective	3
CE 220	Statics	4	MATH/SC	Math/Basic Science Elective	4-5	TIER II	Elective T-II Breadth/Depth	3-5
SNR-ELEC I	EECS/CpE Elective	3	TIER II	Elective T-II Breadth/Depth	3-5	MATH/SC	Math/Basic Science Elective	4-5

*This document is advisory, and not an official statement of the requirements for a degree or a guarantee of course offerings. Please see your catalog for your official degree requirements. Unless an extra course is taken during a summer session, this program will force students to take a fifth course during one of the quarters.*

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