



School of Electrical Engineering and Computer Science

Ohio University

Computer Engineering Example Program of Study – 2b – Starting with Pre-Calculus

Fall			Winter			Spring		
Freshman								
MATH 115	Pre-Calculus	5	MATH 263A	Calculus	4	MATH 263B	Calculus	4
EE 101	Intro to EE	4	EE 102	Intro to CpE	4	EE 103	Intro to ECE Design	4
CHEM 151	Fundamentals of Chem. I	5	CS 240A	Intro. to Computer Science	5	ENGLISH	Freshman Composition	5
TIER II	Elective T-II	3-5	TIER II	Elective T-II	3-5	CS 240B	Intro. To Computer Science	4
Sophomore								
EE 210	Foundations of ECE I	4	EE 211	Foundations of ECE III	4	EE 224	Digital Circuits	4
MATH 263C	Calculus	4	EE 221	Instrumentation Laboratory	4	EE 212	Foundations of ECE III	4
PHYS 251	Gen. Physics	5	MATH 263D	Calculus	4	PHYS 252	Gen. Physics	5
CS 240C	Intro. To Computer Science	4	CS 300	Intro. To Discrete Structures	5	CS 361	Data Structures	5
Junior								
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	FREE	Free Elective	3-5
EE 351	Intermediate CpE I	4	EE 352	Intermediate CpE II	4	MATH 340	Diff. Equations	4
MATH 440	Vector Analysis	4	ENG 3XXJ	Junior English	4	CE 220	Statics	4
Senior								
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
TIER II	Elective T-II Breadth/Depth	3-5	MATH/SC	Math/Basic Science Elective	4-5	FREE	Free Elective	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

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