



School of Electrical Engineering and Computer Science

Ohio University

Electrical Engineering Example Program of Study – 1c – Starting with Algebra

Fall			Winter			Spring		
Freshman								
MATH 113	Algebra	5	MATH 115	Pre-Calculus	4	MATH 263A	Calculus	4
ENGLISH	Freshman Composition	5	EE 101	Intro to EE	4	TIER II	Elective T-II Breadth/Depth	3-5
FREE	Free Elective-I	3-5	TIER II	Elective T-II	3-5	CHEM 151	Fundamentals of Chem. I	5
TIER II	Elective T-II	3-5	TIER II	Elective T-II Breadth/Depth	3-5	FREE	Free Elective-II	3-5
Sophomore								
EE 210	Fundamentals of ECE I	4	EE 211	Fundamentals of ECE II	4	EE 103	Intro to ECE Design	4
MATH 263B	Calculus	4	EE 221	Instrumentation Laboratory	4	PHYS 252	Gen. Physics	5
EE 102	Intro to CpE	4	MATH 263C	Calculus	4	CS 240A	Programming Elective II	4-5
PROGR-I	Programming Elective I	4-5	PHYS 251	Gen. Physics	5	MATH 263D	Calculus	4
Junior								
EE 395A	Int. ECE Design Exp.	4	EE 395B	Int. ECE Design Exp.	4	EE 395C	Int. ECE Design Exp.	4
EE 333	Intermediate EE I	4	EE 321	Electromag. and Materials I	4	EE 334	Intermediate EE II.	4
MATH 440	Vector Analysis	4	ENG-EL-I	Engineering Elective-I	3-5	ENG 3XXJ	Junior English	4
EE 212	Fundamentals of ECE III	4	CE 220	Statics	4	MATH/SC-III	Math/Basic Science Elective	4-5
						MATH 340	Diff. Equations	4
Senior								
EE 495A	ECE Capstone Design	4	EE 495B	ECE Capstone Design	4	EE 495C	ECE Capstone Design	4
SEN-EL-I	EECS Elective-I	4	SEN-EL-II	EECS Elective-II	4	SEN-EL-III	EECS Elective-III	4
EE 371	App. Prob. and Stat. for EEs	4	ENG-EL-II	Engineering Elective-II	3-5	MATH/SC-II	Math/Basic Science Elective	4-5
MATH/SC-I	Math/Basic Science Elective	4-5	TECH-EL-I	Tech Elective-I	3-5	TECH-EL-II	Tech Elective -II	3-5

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.

10/03/07

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