



School of Electrical Engineering and Computer Science

Ohio University

Electrical Engineering Example Program of Study – 1b – Starting with Pre-Calculus

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

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