2017-2018 CES/GE

Major: Electrical and Computer Engineering Program of Study: Computer Engineering Degree: Bachelor of Science in Electrical and Computer Engineering (BSECE)

Hrs. 128

Name:	ID:					New to OSU:	
email:	@ osu.edu		Phone number:			httr	p://www.ece.osu.edu
CORE (87 HRS)	AU	Bold	courses are included in EPI		SP	General Edu	ucation (24 HRS)
Engr (Survey) Engr (Fund. Of Engr I) Math (Calculus I) Physics I Yr. 1	1181 1151	12 55	<u>Math Engr.</u> Chemistry	nd. Of Engr II) r. (Calculus II) y for Engineers gramming C/C++)	1172 5 1250 4	One GE must be Global Diversity One GE must be course. SS	ne a US Social or y Course. De an ETHICS OF AH
Physics II Math (Linear Algebra) ECE (Digital Logic) CSE (Dev Software I) Yr. 2 ECE (Electronics) ECE (Ethics & Prof.) ECE (Adv. Digital Design) ECE (Microcontrollers Lab) Math(Ord&Part Diff Eqns) Yr. 3	2568 2060 2221 3020 3080 3561 3567	53 3 43 3 1 3	ECE (Discriber (Discri	rt Time Sig&Sys) log Sys&Circuits) ocontrollers) Software II) Prog In C)	2020 3 2560 2 2231 4 2451 2 3470 3 3027 1 5362 3	English 1110.x. 2367 2 nd Social Scienc Only one cours group may cou	ses (6 hrs) se per Social Science int Grp 3 Grp 3 orming Arts
ISE (Engr. Econ.) ECE (Tech. Writing) ECE (Capstone Design I) Yr. 4	3090	2 1 1	_	stone Design II)	4900 3 □4901 syllabus	Historical Stud ————————————————————————————————————	
At least 9 hours of the Technical Electives must be ECE or CSE courses selected from the lists below. Must include at least one 5000 level ECE or CSE Technical Elective. Up to 8 hours of the Electives may be Directed Electives from the ECE approved list. Directed Electives generally include: courses required for entry into other engineering majors; required and technical elective courses in other engineering majors; pre-med courses, business or entrepreneurship courses; math, statistics, physics and chemistry courses at higher level than required in the ECE core; and other physical science or biological science courses. For physical science or biological science courses a maximum of 7 hours numbered below 2000 may be counted as Directed Electives.						Total CSE Directed Elec. () OTHER ECE TECH ELECTIVES	
VLSI (Very Large Scale Integrated Circuits) & Computer Aided Design ECE 5020 (3)						Total Other ECE TE. ()	
Microprocessor Based Systems ECE 5465 (3) Digital Design and Computer Arcl	-hitacture		<u></u>			Total Short List TE. () Total ECE &CSE Elec. ()	
ECE 5462 (3) Computer Networks	61 (3)		 -			Non-CSE DIR	RECTED ELECTIVES
ECE 3050 (3) Robotics and Control for Automa	ation 63 (3)	_ ECI	E 5554 (3)			Total Non-CSE □ 5000-level	,,
Digital Signal Processing/Image I ECE 5200 (3) ECE 520 Numerical Analysis CSE 5361 (3)	Processing 06 (3)		E 5460 (3) CSE	E 5525	Hours Req'd for Degree: Earned Hours to Date: Total Proposed Hours: Final CPHR:		Transfer students: 30 OSU ECE hrs? Math & B. Science: 32 hrs?
Database/Algorithms CSE 3241 (3) CSE 524 High Performance Computing CSE 5441 (3)	42 (3)	-		(1	OK to Graduate? Yes Program Approved:		Data

Revised 9/1/17: gjv