

Name: \_\_\_\_\_ ID: \_\_\_\_\_ New to OSU: \_\_\_\_\_

email: \_\_\_\_\_@osu.edu Phone number: \_\_\_\_\_

http://www.ece.osu.edu

CORE (87 HRS)	AU	<b>Bold</b> courses are included in EPHR	SP	General Education (24 HRS)	
Engr (Survey)	1100	1	<b>Engr (Fund. Of Engr II)</b>	1182 2	<b>One GE must be a US Social or Global Diversity Course.</b> <input type="checkbox"/> <b>One GE must be an ETHICS course.</b> SS <input type="checkbox"/> or AH <input type="checkbox"/>
<b>Engr (Fund. Of Engr I)</b>	1181	2	<b>Math Engr. (Calculus II)</b>	1172 5	
<b>Math (Calculus I)</b>	1151	5	<b>Chemistry for Engineers</b>	1250 4	
<b>Physics I</b>	1250	5	<b>CSE (Programming C/C++)</b>	1222 3	
<b>Yr. 1</b>					<b>English &amp; Comm Skills (6 hr)</b> English 1110.xx 3 2367 2 <sup>nd</sup> writing 3
<b>Physics II</b>	1251	5	CSE (Foundations I)	2321 3	
Math (Linear Algebra)	2568	3	ECE (Discret Time Sig&Sys)	2050 3	
ECE (Digital Logic)	2060	3	ECE (Analog Sys&Circuits)	2020 3	
CSE (Dev Software I)	2221	4	ECE (Microcontrollers)	2560 2	<b>Social Sciences (6 hrs)</b> <i>Only one course per Social Science group may count</i> _____ Grp 3 _____ Grp 3
<b>Yr. 2</b>					
ECE (Electronics)	3020	3	Stat (Prob&Stat)	3470 3	
ECE (Ethics & Prof.)	3080	1	ECE (Electronics Lab)	3027 1	
ECE (Adv. Digital Design)	3561	3	ECE (Comp. Arch. Design)	5362 3	<b>Literature</b> _____ 3
ECE (Microcontrollers Lab)	3567	1	CSE (Sys II/OS)	2431 3	
Math(Ord&Part Diff Eqns)	2415	3			
<b>Yr. 3</b>					
ISE (Engr. Econ.)	2040	2	ECE (Capstone Design II)	4900 3	<b>Visual &amp; Performing Arts</b> _____ 3
ECE (Tech. Writing)	3090	1			
ECE (Capstone Design I)	3900	1	<input type="checkbox"/> 4901 syllabus		
<b>Yr. 4</b>					
<b>Historical Study</b> _____ 3 <b>2<sup>nd</sup> Hst. Std. or Culture &amp; Ideas</b> _____ 3					

**ELECTIVES (17 HRS)**

- 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.

**VLSI (Very Large Scale Integrated Circuits) & Computer Aided Design**  
ECE 5020 (3) \_\_\_\_\_

**Microprocessor Based Systems**  
ECE 5465 (3) \_\_\_\_\_

**Digital Design and Computer Architecture**  
ECE 5462 (3) \_\_\_\_\_

**Computer Networks**  
ECE 5101 (3) \_\_\_\_\_ CSE 3461 (3) \_\_\_\_\_

**Signals and Systems**  
ECE 3050 (3) \_\_\_\_\_

**Robotics and Control for Automation**  
ECE 3551 (3) \_\_\_\_\_ ECE 5463 (3) \_\_\_\_\_ ECE 5554 (3) \_\_\_\_\_

**Digital Signal Processing/Image Processing**  
ECE 5200 (3) \_\_\_\_\_ ECE 5206 (3) \_\_\_\_\_ ECE 5460 (3) \_\_\_\_\_ CSE 5523 \_\_\_\_\_

**Numerical Analysis**  
CSE 5361 (3) \_\_\_\_\_

**Database/Algorithms**  
CSE 3241 (3) \_\_\_\_\_ CSE 5242 (3) \_\_\_\_\_

**High Performance Computing**  
CSE 5441 (3) \_\_\_\_\_

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**CSE DIRECTED ELECTIVES**

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Total CSE Directed Elec. ( ) \_\_\_\_\_

**OTHER ECE TECH ELECTIVES**

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\_\_\_\_\_

Total Other ECE TE. ( ) \_\_\_\_\_

Total Short List TE. ( ) \_\_\_\_\_

Total ECE & CSE Elec. ( ) \_\_\_\_\_

**NON-CSE DIRECTED ELECTIVES**

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Total Non-CSE DE ( ) \_\_\_\_\_

5000-level

Hours Req'd for Degree:	<b>128</b>	Transfer students: 30 OSU ECE hrs? <input type="checkbox"/>
Earned Hours to Date:	_____	Math & B. Science: 32 hrs? <input type="checkbox"/>
Total Proposed Hours:	_____	
Final CPHR:	_____	Final MGPA: _____
OK to Graduate?	Yes No _____	
Program Approved:	_____	
Advisor's Signature	Date	