## Electrical Engineering University of Hawaii at Manoa

project approved by the concentration coordinator

## Name:

ID #:

## CURRICULUM CHECK SHEET August 2020

The program of courses listed below satisfies the ABET accreditation criteria of 32 credits of mathematics and basic sciences, and 48 credits of engineering sciences and engineering design. Any deviations must be approved by the student's advisor, department chair, and dean. The University General Education Core and graduation requirements for Engineering are included.

## ALL COURSES MUST BE TAKEN FOR LETTER (A-F) GRADES

			LOWER			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	FRESH		LOWEN			5	SOPHOMORE		
Eng 100 (FW)	3	EE 110 or EE 160	3/4		E 211	4	EE 213	4	
Math 241 (FQ)	4	Math 242	4	EE	E 260	4	Math 244	3	
Chem 161 (DP)	3	Phys 170 (DP)	4	Ma	ath 243	3	Phys 274	3	
Chem 161L (DY)	) 1	Phys 170L (DY)	1	Pł	nys 272 (DP)	3	EE 296	1	
FG	3	Chem 162 (DP)	3	Pł	nys 272L (DY)	1	COMG 251 (DA)	3	
							FG	3	
H Focus (1)		E Focus (1)		0	Focus (1)		W Focus (5)		
			UPPER	DIVI	SION				
EE 315	3	EE 323	3	Ma	ajor EE	3	EE 496	3	
EE 324	3	EE 323L	1		ab) EE	1	EE 495	1	
EE 371	3	EE 342	3		ajor EE	3	Major EE	3	
Math 307 or EE	345 3/4	TE	3	TE		3	Major EE	3	
EB	3	Major EE	3	(La	ab) TE	1	Econ 120, 130 or 131 (DS)	3	
		(Lab) EE	1		l or DL	3	DS	3	
		ÈE 396	2						
II. Electro-Physics (EP) Track				2. 3.	3. Chem 181/181L or Chem 171/171L may substitute for Chem 161/161L and				
Focus	Group I (11 cr)				Chem 162. 4. Writing Intensive (W) required - 5 courses (minimum of 2 in upper division).				
Circuits	EE 326/326L			4.					
Devices EE 327		EE 328/328L, 426			5. One course each required for Hawaiian, Asian & Pacific Issues (H), Oral				
Electromagnetics EE 372/372L		EE 470, 471, 473, 474, 475, 477			Communication (O) and Contemporary Ethical Issues (E).				
Energy		EE 435, 438		6.	Enrollment in EE c	ourses requi	res a grade of 'C' or better in all pre	erequisite	
Biomedical		EE 480			courses.				
				7.	Engineering Bread	th (EB) is sa	tisfied by a CEE, ME, OE or BE co	urse at	
Systems Track					the 300-level or higher, CEE 270; or a physical, biological, or computer				
Focus	Group I (11 cr)	Group II (6 cr)			science course at	the 300-level	or higher and approved by the De	partment's	
Communications	EE 343/343L	EE 344, 442, 446, 449			Undergraduate Curriculum Committee.				
Controls	EE 351/351L EE 452, 453		8.	8. Technical Electives (TE): EE course 300 or above - 7 additional credits from					
Signal Processing	Processing EE 415 EE 416, 417, 445			the track lists, of which 3 must be outside the major track and 1 must be a					
Energy		EE 435					es may also be used as TEs: EE		
					,	Ū	368, 369, 406, 461, 467, 468, 469		
Biomedical Concentration					can also be used as a TE, but the track designation is determined on a case-by-case basis.				
All Group I courses in either the EP or Systems Track, plus two biomedical-related Group II courses and an EB course approved by the Department's Undergraduate									
Curriculum Committee and listed on the EE website. EE 496 will be a biomedical				0	,				
project approved by the concentration coordinator.				9.	<ol> <li>ENGR 196/296/396 may substitute for EE 196/296/396.</li> <li>A student along with a faculty member may propose an alternate track,</li> </ol>				
				10.			nember may propose an alternate rigor & breadth to the above track		
Energy Concentration					endorsed by another faculty member; & (3) approved by the Department's				
All Group I courses in either the EP or Systems Track, plus two energy-related Group II courses and an EB course approved by the Department's Undergratuate Curriculum Committee and listed on the EE website. EE 496 will be an energy					Undergraduate Cu	-			