Electrical Engineering
University of Hawaii at Manoa

Name:

CURRICULUM CHECK SHEET

August 2005

ID #:

The program of courses listed below satisfies the ABET accreditation criteria of 32 credits of mathematics and basic sciences, 32 credits of engineering sciences and 16 credits of 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. A total of 124 credits are required.

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

FRESHMAN

Eng 100 (FW)	3		EE 160	4			
Math 241 (FS)	4		Math 242	4			
Chem 161 (DP)	3		Phys 170 (DP)	4			
Chem 161L (DY)	1		Phys 170L (DY)	1			
FG	3		Chem 162 (DP)	3			
H Focus (1)			E Focus (1)				

SOPHOMORE

EE 211	4		EE 213	4			
EE 260	4		Math 244	3			
Math 243	3		Phys 274	3			
Phys 272 (DP)	3		EE 296	1			
Phys 272L (DY)	1		Sp 251 (DA)	3			
			Econ 120, 130 or 131(DS)	3			
O Focus (1)			W Focus (5)				

UPPER DIVISION

EE 315	3		EE 323	3			
EE 324	3		EE 323L	1			
EE 342	3		TE	3			
EE 371	3		Major	3			
Math 307	3		(Lab) EE	1			
			EE 396	2			
			EB	3			

Major	3		EE 496	3			
(Lab) EE	1		Major	3			
Major	3		Major	3			
TE	3		FG	3			
(Lab) TE	1		DS	3			
DH or DL	3						

E.E. Electives - One track (major) from below, plus two TEs (one of which must be from a second track) with one lab.

ELECTRO-PHYSICS TRACK

plus 6 credits from:

EE 326, 326L	EE 422, 422L, 423, 425, 427
EE 327	EE 328, 328L, 426
EE 372, 372L	EE 473, 474, 475, 477

SYSTEMS TRACK

plus 6 credits from:

EE 341, 341L	EE 344, 442, 446, 449
EE 351, 351L	EE 452, 453
EE 415	

COMPUTER TRACK

plus 6 credits from:

EE 361, 361L	EE 344, 461, 449
EE 366	EE 467, 468, 469
EE 367, 367L	

ALTERNATIVE TRACK

A student along with a faculty member may propose an alternative track, which must be (1) equivalent in rigor & breadth to the above tracks; (2) endorsed by another faculty member; & (3) approved by the Dept.'s Undergraduate Curriculum Committee.

TE - EE course 300 or above

NOTES

1. Please refer to General Education Core Requirements in UH Manoa Catalog for Diversification (DH, DL, DS) and FG Foundation Courses.
2. Math 251/252/253 may be substituted for Math 241-244 above.
3. Chem 181/181L may be substituted for Chem 161/161L and 162 above.
4. Writing Intensive (W) required - 5 courses (minimum of 2 in upper division).
5. One course each required for Hawaiian, Asian & Pacific Issues (H), Oral Communication (O), and Contemporary Ethical Issues (E).
6. Enrollment in EE courses requires a grade of 'C' or better in all prerequisite courses.
7. Engineering Breadth (EB) is satisfied by CEE 270, ME 311, or a CEE, ME, OE, or BE course at the 300-level or higher; or a physical or biological science course at the 300-level or higher and approved by the Department's Undergraduate Curriculum Committee.

APPROVAL FOR GRADUATION: Initial: Date: