Civil and Environmental Engineering
University of Hawaii at Manoa

CURRICULUM CHECK SHEET

August 2002

Name: _____

SSN: _____

The program of courses listed below satisfies the ABET accreditation criteria of 32 credits of mathematics and basic sciences, 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 for Engineering is included. All lower division CEE courses must be completed before taking upper division CEE courses. CEE 211 may be taken concurrently with the first semester junior courses. All 200 and 300 level CEE courses must be passed within 2 attempts.

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

FRESHMAN				SOPHOMORE			
Eng 100	3	Math 242	3	CEE 270	3	CEE 271	3
Math 241	4	Math 242L	1	Math 243	3	Math 244	3
Chem 161	3	Phys 170	4	Phys 272	3	CEE 211	3
Chem 161L	1	Phys 170L	1	Phys 272L	1	FG	3
Sp 251	3	Chem 162	3	FG	3	Econ 120, 130 or 131	3
CEE 123	1	EE 160	4	H/EI	3	S/EI	3
				W Courses (5)			

UPPER DIVISION

CEE 305	3	CEE 330	3	CEE 421	3	CEE 455	3
CEE 320	4	CEE 355	4	CEE 431	3	CEE 490	3
CEE 361	3	CEE 375	3	CEE 462, 464 or 465	3	TE	3
CEE 370	3	CEE 381	3	CEE 472, 473 or 474	3	TE	3
CEE 370L	1			CEE 485	3	BSE	3
GG 312, ME 403 or Math 302	3						

E L E C T I V E S

BSE: Biological Science Elective (1 required)
BOT 101; Chem 152; Micr 130; BIOL 101, 123, ZOOL 101. The associated laboratories are not required.

TE: Technical Elective (2 required)
Any 400 level CEE course.
May include a maximum of one 600 level CEE course.
May include a maximum of one course from:
EE 211; GG 454; ME 311, 374; ORE 411

GTE: Geotechnical Engineering Elective (1 req. in struct. track)
CEE 651, 652, 653, 654, 655, 657, 658

STE: Structural Engineering Elective (1 req. in struct. track)
CEE 488, 489, 680, 681, 683, 685, 687

ALTERNATIVE SENIOR YEAR FOR STRUCTURES TRACK*

CEE 421	3		CEE 455	3	
CEE 472, 473 or 474	3		CEE 486	3	
CEE 482	3		CEE 490	3	
CEE 485	3		STE	3	
BSE	3		GTE	3	

* Students who want to pursue the structures track should ask the department office to assign them an advisor from the structures area.

NOTES

1. Please refer to General Education Core Requirements in UH Manoa Catalog for Humanities, Social Science Electives and FG Foundation Courses.
2. Math 251/252/242L/253 may be substituted for Math 241-244 above.
3. Chem 171/171L or Chem 181/181L may be substituted for Chem 161/161L and Chem 162.
4. Writing Intensive (W) required - 5 courses (minimum of 2 in upper division).
5. One course each required for Hawaiian, Asian, & Pacific Issues (H) and Contemporary Ethical Issues (E).
6. 'C' or better required for CEE 270.

APPROVAL FOR GRADUATION: Initial: Date: