Civil and Environmental Engineering
University of Hawaii at Manoa

Name: _____
ID#: _____

CURRICULUM CHECK SHEET
August 2012

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 & graduation requirements for Engineering are included. All lower division CEE courses must be completed before taking upper division CEE courses, except CEE 370 and 370L. All CEE courses must be passed within 2 attempts.

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

LOWER DIVISION

FRESHMAN

Eng 100 (FW)	3		Math 242	4			
Math 241 (FS)	4		Phys 170 (DP)	4			
Chem 161 (DP)	3		Phys 170L (DY)	1			
Chem 161L (DY)	1		Chem 162 (DP)	3			
FG	3		EE 160 or ICS 111	4			
H Focus (1)			E Focus (1)				

SOPHOMORE

CEE 270	3		CEE 271	3			
Math 243	3		Math 244	3			
Phys 272 (DP)	3		CEE 370	3			
Phys 272L (DY)	1		CEE 370L	1			
FG	3		BSE (DB)	3			
DH or DL	3		COMG 251 (DA)	3			
O Focus (1)			W Focus (5)				

UPPER DIVISION

JUNIOR

CEE 305	3		CEE 330	4			
CEE 320	4		CEE 355	4			
CEE 361	3		CEE 375	3			
Econ 120, 130 or 131 (DS)	3		CEE 381	3			
ME403, GG312, Math 302 or 307	3		DS	3			

SENIOR

CEE 431	3		CEE 421	3			
CEE 461, 462 or 464	3		CEE 455	3			
CEE 471 or 472	3		CEE 490	3			
CEE 485 or 486	3/4		TES	3			
CEE 489B	2		TE	3			
CEE 489C	1						

ALTERNATIVE SENIOR YEAR TRACK

STRUCTURES*

CEE 471 or 472	3		CEE 421	3			
CEE 482	3		CEE 455	3			
CEE 485	4		CEE 486	3			
SME	3		CEE 490	3			
CEE 489B	2		TES	3			
CEE 489C	1						

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

E L E C T I V E S

BSE: Biological Science Elective
BE 120; Micr 130; Biol 101, 123, or 171; Zool 101
The associated laboratories are not required.
Students interested in the environmental area are encouraged to take Micr 130 for the BSE.

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

TES: Technical Elective with focus on Sustainability
ARCH 525; BE 410; CEE 444; GEOG 410;
ME 453; OCN 435

SME: Structural Math Elective
ME 360, Phys 305, Math 311 (if Math 307 not taken)

N O T E S

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 or Chem 171/171L may be substituted for Chem 161/161L and Chem 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. 'C' or better required for passing Phys 170 and CEE 270.

APPROVED FOR GRADUATION: Initial: Date: