

Name _____

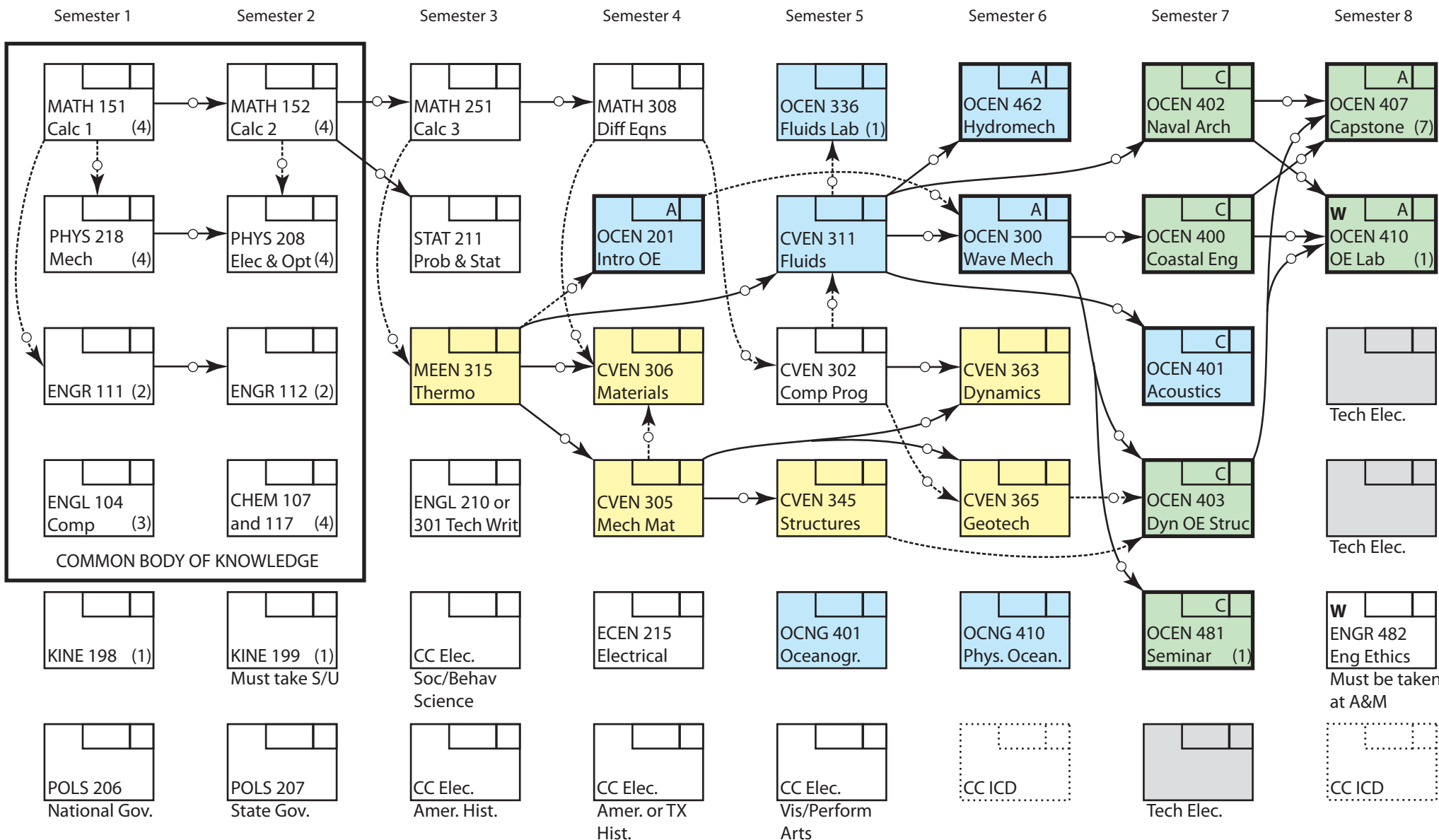
UIN _____

1st Semester at A&M _____

T
 F

NOTE: This is NOT an official document; for advising only. Consult the published Texas A&M University Catalog for complete curriculum requirements and listing of pre/co-requisites.

INSTRUCTIONS: Use the small check-boxes for each course to record the semester you take the course (00A, 00B, or 00C) and your final grade. Fill in pre/co-requisite bubbles as completed.



NOTES: Bold course boxes offered once per year: "C" denotes Fall Semester, "A" denotes Spring Semester
 Bold "W" denotes a writing intensive course
 All courses are 3 credits unless specified by an (.).
 Arrows indicate (solid) prerequisites and (dashed) corequisites. Failure to meet a pre/co-requisite may result in being dropped from a class.

LEGEND
 ■ Classical Fluids Courses
 ■ Classical Structures and Materials Courses
 ■ Courses combining Fluids and Structures/Materials

B.S. DEGREE IN OCEAN ENGINEERING (2003-04 Catalog 126)

FRESHMAN YEAR

First Semester	Cr	Gr	Sem Comp	Second Semester	Cr	Gr	Sem Comp
ENGL 104 Comp. & Rhetoric	3	—	—	CHEM 107 Chemistry for Engineers	4	—	—
ENGR 111 Foundations in Engineering I	2	—	—	ENGR 112 Foundations in Engineering II	2	—	—
MATH 151 Engineering Math. I	4	—	—	MATH 152 Engineering Math. II	4	—	—
PHYS 218 Mechanics	4	—	—	PHYS 208 Electricity and Optics	4	—	—
Core Curric. ¹	3	—	—	Core Curric. ¹	3	—	—
Military, Air, Naval Science	—	—	—	Military, Air Naval Science	—	—	—
KINE 198 Health & Fitness Activity	1	—	—	KINE 199 Required Physical Activity	1	—	—
	<u>17</u>				<u>18</u>		

SOPHOMORE YEAR

ENGR 212 Conserv. Prin. in Thermal Sci.	3	—	—	CVEN 305 Engr. Mech. of Materials	3	—	—
ENGR 221 Statics and Particle Dynamics	3	—	—	ENGR 213 Prin. of Materials Eng.	3	—	—
MATH 251 Engineering Mathematics III	3	—	—	ENGR 215 Principles of Elec. Eng.	3	—	—
Core Curric. Elec. ¹	3	—	—	MATH 308 Differential Equations	3	—	—
Core Curric. Elec. ¹	3	—	—	OCEN 201 Intro. to Ocean Engineering	2	—	—
	<u>15</u>			Core Curric. Elec. ¹	3	—	—
					<u>17</u>		

JUNIOR YEAR

CVEN 302 Comp. Appl. in Engr. & Const.	3	—	—	CVEN 345 Theory of Structures	3	—	—
CVEN 311 Fluid Dynamics	3	—	—	CVEN 365 Intro. to Geotechnical Engr	3	—	—
CVEN 336 Fluid Dynamics Lab	1	—	—	OCEN 300 Ocean Engr Wave Mechanics	3	—	—
MEEN 363 Dynamics and Vibrations	3	—	—	OCEN 462 Hydromechanics	3	—	—
OCNG 401 Intro. to Oceanography	3	—	—	OCNG 410 Intro. to Phys Oceanography	3	—	—
Writing skills elective ²	3	—	—				
	<u>16</u>				<u>15</u>		

SENIOR YEAR

OCEN 301 Dyn of Offshore Structures	3	—	—	ENGR 482 Ethics and Engineering	3	—	—
OCEN 400 Basic Coastal Engineering	3	—	—	OCEN 407 Design of Ocean Engr Fac	4	—	—
OCEN 401 Underwater Acoustics for OE	3	—	—	OCEN 410 Ocean Engineering Lab.	1	—	—
OCEN 402 Naval Architecture	3	—	—	Core Curric. Elec. ¹	3	—	—
OCEN 481 Seminar	1	—	—	Technical Elective ³	3	—	—
Technical Elective ³	3	—	—	Technical Elective ³	3	—	—
	<u>16</u>				<u>17</u>		

NOTES: ¹To be selected from the University Core Curriculum. Of the 18 hours shown as University Core Curriculum electives, 3 must be from visual and performing arts, 3 from social and behavioral science, 6 from U.S. history, 6 from POLS 206 and 207, and 6 from international and cultural diversity. The international and cultural diversity requirement may be met by courses satisfying the visual and performing arts, social and behavioral sciences, and the political science and history requirements if they are also on the approved list of international and cultural diversity courses.

²This elective is to be selected from ENGL 210 or 301.

³The technical elective program must be approved by the department head or the undergraduate advisor. Technical electives are chosen from the approved technical elective list, and at least 3 credit hours must be engineering design.

Inter. & Cultural Diversity _____

Inter. & Cultural Diversity _____