



**California State Polytechnic University, Pomona
DEGREE REQUIREMENT EVALUATION**

ELM Satisfied ___ Yes ___ No
 EPT Satisfied ___ Yes ___ No
 GWT Satisfied ___ Yes ___ No

MAJOR CIVIL ENGINEERING (5251) NAME _____
 OPTION/EMPHASIS General Civil Engineering LAST _____ FIRST _____ MI _____
 UNITS REQUIRED 202 STUDENT I.D. # _____

TERM ADMITTED _____ YEAR: **2003-2004**
 EVALUATOR _____
 DATE _____
 UPDATES _____

CORE COURSES	Units	SUPPORT COURSES	Units	IGE	GENERAL EDUCATION. Students may fulfill these requirements at Cal Poly Pomona with the General Education (GE) or the Interdisciplinary General Education (IGE) Programs. Select courses from approved lists shown in the Schedule of Classes unless specified.	
<i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.</i>		<u>SUPPORT AND DIRECTED ELECTIVES</u>		IGE 120 4	GENERAL EDUCATION COURSES	
CAD Engine Concepts	CE 127/L 3	Gen Chemistry	CHM 121/L 4	IGE 121 4	Area A Communication and Critical Thinking--12 units	
Elem Surveying	CE 134/L 4	Gen Chemistry	CHM 122/L 4	IGE 122 4	1 ENG 104	4
Computers in CE	CE 210/L 2	Anal Geom/Calc II	MAT 115 4	IGE 220 4	2 COM 204	4
Structural Anal I	CE 304 4	Anal Geom/Calc III	MAT 116 4	IGE 221 4	3 ENG 105	4
Structural Anal II	CE 305 4	Calc of Several Vari I	MAT 214 3	IGE 222 4	Area B Math and Natural Sciences--16 units	
Structural Mat Lab	CE 306L 1	Differential Equations	MAT 216 4	IGE 223 4	1 <u>MAT 114</u>	4
Geotech Engr I	CE 325 2	General Physics	PHY 132 3	IGE 224 4	2 <u>PHY 131/131L, 132L</u>	5
Geotech Engr II	CE 326 3	General Physics	PHY 133/L 4	COM 204 4	3 Biological Science	3
Geotech Lab	CE 327L 1	Statistical Methods	IME 301 3	ENG 105 4	4 GSC 321/321L	4
Hydraulic Engr	CE 332/L 4			<u>CE 301</u> 4	Area C Humanities-- 16 units	
Technical Communication	CE 362/A 3			Area B 16	1 Fine/Performing Arts	4
Str. Des-Rein Conc	CE 421 4			Area C4 4	2 Philosophy and Civilization	4
Concrete Design Lab	CE 422L 1			Area D4 4	3 Literature and Foreign Language	4
Water Supply Engr	CE 431/L 4				4 EGR 402	4
Vector Statics	ME 214 3				Area D Social Sciences-- 20 units	
Vector Dynamics	ME 215 4				1a PLS 201	4
Strength Matls	ME 218 3				1b HST 202	4
Fluid Mechanics	ME 311 3				2 <u>CE 301</u>	4
<u>REQUIRED OPTION COURSES</u>					3 Approved D3	4
Intro to Civ Engr	CE 122 1				4 Social Science Synthesis*	4
Advanced Surveying	CE 220/L 4				Area E Lifelong Understanding and Self-Development--4 units	
Highway Engr Des	CE 222/L 4				<u>Underlined courses satisfy both major and general education requirements.</u>	
Transp Engr	CE 223/L 4				*Department Approval Required	
Comp Prg & Num Met	CE 303/A 3					
Structural Des-Steel	CE 406 4					
Water Quality Engr	CE 432/L 4					
Struct Des-Timber	CE 433/L 3					
Design Project	CE 461, 462, 463/A or CE 491, 492, 493 6					
Tech Elect**	CE XXX 11					
Thermodynamics	ME 301 4					
**U.D. CE Courses approved in advance by advisor.						
UNITS REQUIRED: 101		UNITS REQUIRED: 33		UNITS REQUIRED: 68		

SUMMARY OF ADVANCED STANDING CREDIT:
 Earned Hours _____
 G.P.A. Hours _____
 Quality Points _____
 G.P.A. _____

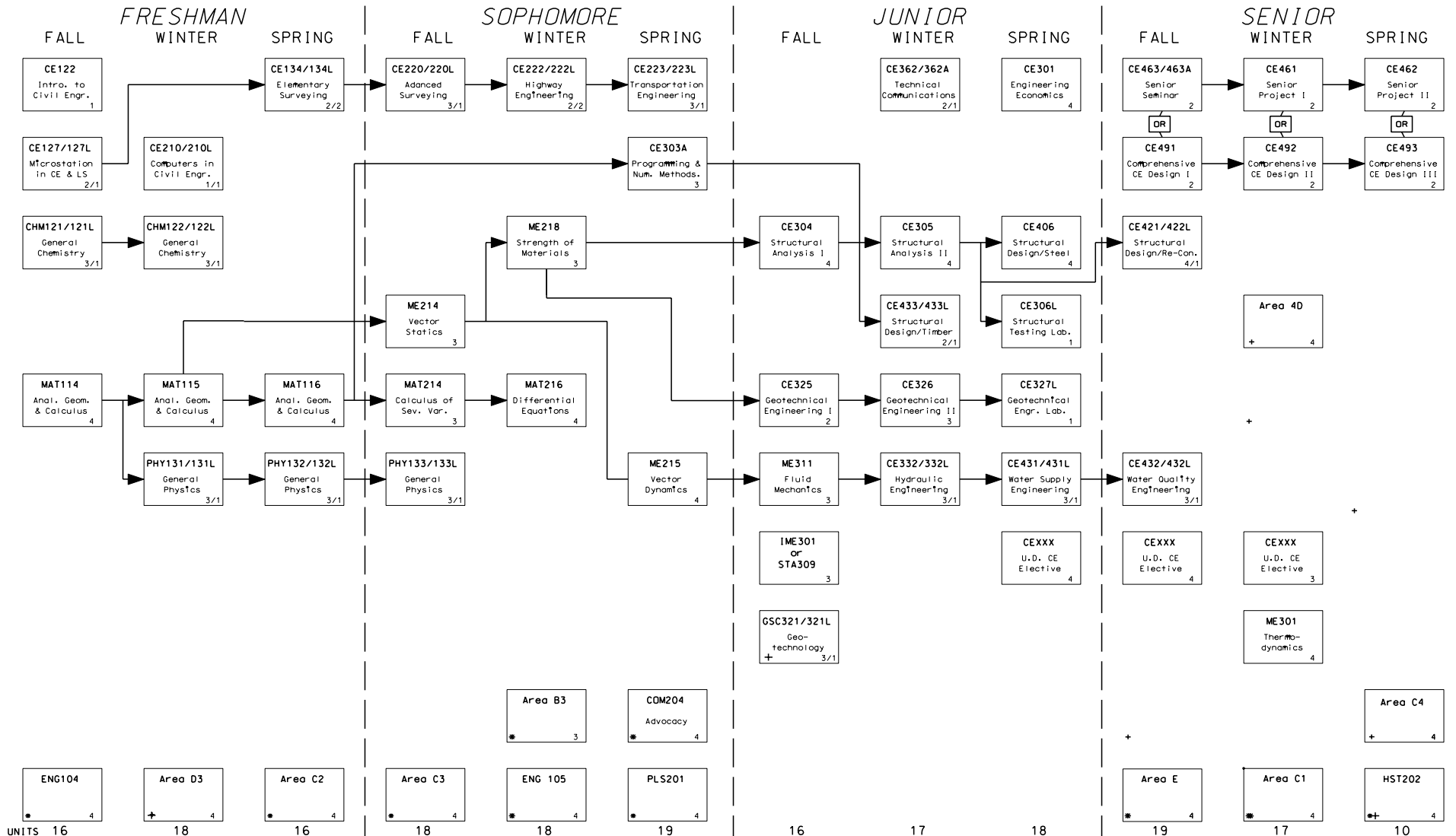
NOT MORE THAN 105 UNITS FROM A COMMUNITY COLLEGE NOR MORE THAN 36 UNITS OF EXTENSION WORK MAY BE APPLIED TOWARD A BACHELOR'S DEGREE.
 A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR.

CALIFORNIA STATE POLYTECHNIC UNIVERSITY POMONA CIVIL ENGINEERING DEPARTMENT CURRICULUM

AY
2003/2004

GENERAL CIVIL ENGINEERING OPTION

NAME: _____ DATE: __/__/__



Students are responsible for prerequisites. Refer to the current University Catalog.

* Qualified students may substitute IGE sequence for courses with asterisk. See University Catalog.

+ Course must be approved in advance by advisor

TOTAL = 202
Revision 5/30/2002