



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

**YEAR: 2001-2002**

MAJOR CIVIL ENGINEERING (5251)  
General Civil Engineering

NAME \_\_\_\_\_  
LAST FIRST MI

UNITS REQUIRED 202 STUDENT I.D. # \_\_\_\_\_

**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.

CORE COURSES	Units	Course Taken	Grade	SUPPORT COURSES	Units	Course Taken	Grade	IGE	Units	Course Taken	Grade	GENERAL EDUCATION COURSES	Units	Course Taken	Grade	
<i>Students in this major are expected to achieve and maintain a GPA of at least 2.00 in all core courses.</i>				<u>SUPPORT AND DIRECTED ELECTIVES</u>				IGE 120	4			<b>Area A Communication and Critical Thinking—12 units</b>				
CAD Engine Concepts	CE 127/L	3		Gen Chemistry	CHM 121/L	4		IGE 121	4			1 ENG 104	4			
Elem Surveying	CE 134/L	4		Gen Chemistry	CHM 122/L	4		IGE 122	4			2 COM 204	4			
Computers in CE	CE 210/L	2		Anal Geom/Calc II	MAT 115	4		IGE 220	4			3 ENG 105	4			
Structural Anal I	CE 304	4		Anal Geom/Calc III	MAT 116	4		IGE 221	4			<b>Area B Math and Natural Sciences—16 units</b>				
Structural Anal II	CE 305	4		Calc of Several Vari I	MAT 214	3		IGE 222	4			1 MAT 114	4			
Structural Mat Lab	CE 306L	1		Differential Equations	MAT 216	4		IGE 223	4			2 PHY 131/131L, 132/132L	4			
Geotech Engr I	CE 325	2		General Physics	PHY 132	3		IGE 224	4			3 Biological Science	4			
Geotech Engr II	CE 326	3		General Physics	PHY 133	3		COM 204	4			4 Science and Technology Synthesis	4			
Geotech Lab	CE 327L	1						CE 361/L or	4			<b>Area C Humanities—16 units</b>				
Hydraulic Engr	CE 332/L	4						ENG 105				1 Fine/Performing Arts	4			
Technical Communication	CE 362/A	3						CE 301	4			2 Philosophy and Civilization	4			
Str. Des-Rein Conc	CE 421	4						EC 201/202	4			3 Literature and Foreign Language	4			
Concrete Design Lab	CE 422L	1						Area 2	16			4 Humanities Synthesis	4			
Water Supply Engr	CE 431/L	4						Area 5	8			<b>Area D Social Sciences—20 units</b>				
Vector Statics	ME 214	3										1 PL@ 201, HST 202	8			
Vector Dynamics	ME 215	4										2 CE 201	4			
Strength Matls	ME 218	3										3 SOS/PLS 390	4			
Fluid Mechanics	ME 311	3										4 Social Science Synthesis	4			
<u>REQUIRED OPTION COURSES</u>												<b>Area E Lifelong Understanding and Self-Development—4 units</b>				
Intro to Civ Engr	CE 122	1														
Advanced Surveying	CE 220/L	4														
Highway Engr Des	CE 222/L	4														
Transp Engr	CE 223/L	4														
Comp Prg & Num Met	CE 303	3														
Const. & Engr Law	CE 403	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	12														
Thermodynamics	ME 301	4														
*U.D. CE Courses approved in advance by advisor.																
<b>UNITS REQUIRED:</b>	<b>105</b>			<b>UNITS REQUIRED:</b>	<b>29</b>			<b>UNITS REQUIRED:</b>	<b>68</b>							

**SUMMARY OF ADVANCED STANDING CREDIT:**

Earned Hours \_\_\_\_\_

G.P.A. Hours \_\_\_\_\_

Quality Points \_\_\_\_\_

G.P.A. \_\_\_\_\_

ELM Satisfied \_\_\_ Yes \_\_\_ No

EPT Satisfied \_\_\_ Yes \_\_\_ No

GWT Satisfied \_\_\_ Yes \_\_\_ No

EVALUATOR \_\_\_\_\_

DATE \_\_\_\_\_

UPDATES \_\_\_\_\_