



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

YEAR: 2000-2001

MAJOR CIVIL ENGINEERING (5253)

NAME _____ LAST _____ FIRST _____ MI _____

Surveying Engineering

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>				Gen Chemistry	CHM 121/L	4		IGE 120	4			Area 1 Comm in Eng Lang – 12 units				
				Gen Chemistry	CHM 122/L	4		IGE 121	4			1a ENG 104	4			
				Anal Geom/Calc II	MAT 115	4		IGE 122	4			1b COM 204	4			
				Anal Geom/Calc III	MAT 116	4		IGE 220	4			1c CE 361/L or ENG 105	4			
				Calc of Several Vari I	MAT 214	3		IGE 221	4			Area 2 Science/Math – 16 units				
				Differential Equations	MAT 216	4		IGE 222	4			2a <u>MAT 114</u>	4			
				General Physics	PHY 132	3		IGE 223	4			2b <u>PHY 131, 131L, 132L, 133L</u>	6			
				General Physics	PHY 133	3		IGE 224	4			2c Elective	3			
CAD Engine Concepts	CE 127/L	3						COM 204	4			2d <u>IME 301</u> or <u>STA 309</u>	3			
Elem Surveying	CE 134/L	4						<u>CE 301</u>	4			Area 3 Humanities/Social Sciences – 24 units				
Computers in CE	CE 210/L	2						<u>CE 361/L</u> or <u>ENG 105</u>	4			3a Elective	4			
Structural Anal I	CE 304	4						Area 2	16			3b Elective	4			
Structural Anal II	CE 305	4						Area 5	8			3c Elective	4			
Structural Mat Lab	CE 306L	1										3d <u>CE 301</u>	4			
Geotech Engr I	CE 325	2										3e,f PLS 390/SOC 390*	4			
Geotech Engr II/Lab	CE 326	3										3g Elective	4			
Geotech Lab	CE 327L	1										Area 4 US Hst/Const/Ideals – 8 units				
Hydraulic Engr	CE 332/L	4										4a PLS 201	4			
Str. Des-Rein Conc	CE 421	4										4b HST 202	4			
Concrete Design Lab	CE 422L	1										Area 5 Upper Division GE – 8 units				
Water Supply Engr	CE 431/L	4										GSC 321	4			
Applied Elect Engr	ECE 232	3										MHR 318 or EGR 402	4			
Vector Statics	ME 214	3														
Vector Dynamics	ME 215	4														
Strength Matls	ME 218	3														
Fluid Mechanics	ME 311	3														
REQUIRED OPTION COURSES																
Advanced Surveying	CE 220/L	4														
Highway Engr Des	CE 222/L	4														
Surveying Computations	CE 240	3														
Geodetic Satellite Surv	CE 311	4														
Land Surv Des	CE 313	4														
Adv Surv Comp	CE 320/L	4														
Bound Cont & Leg Princ	CE 322	4														
Pub Land Surv	CE 331	3														
Photogrammetry	CE 427/L	4														
Engr Hydrology	CE 451/L	4														
Design Project	CE 461, 462, 464/A or CE 491, 492, 464	6														
Subdivision Engr	CE 482/L	4														
GIS in Engineering	CE 484/L	4														
UNITS REQUIRED:	105			UNITS REQUIRED:	29			UNITS REQUIRED:	68							

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 _____

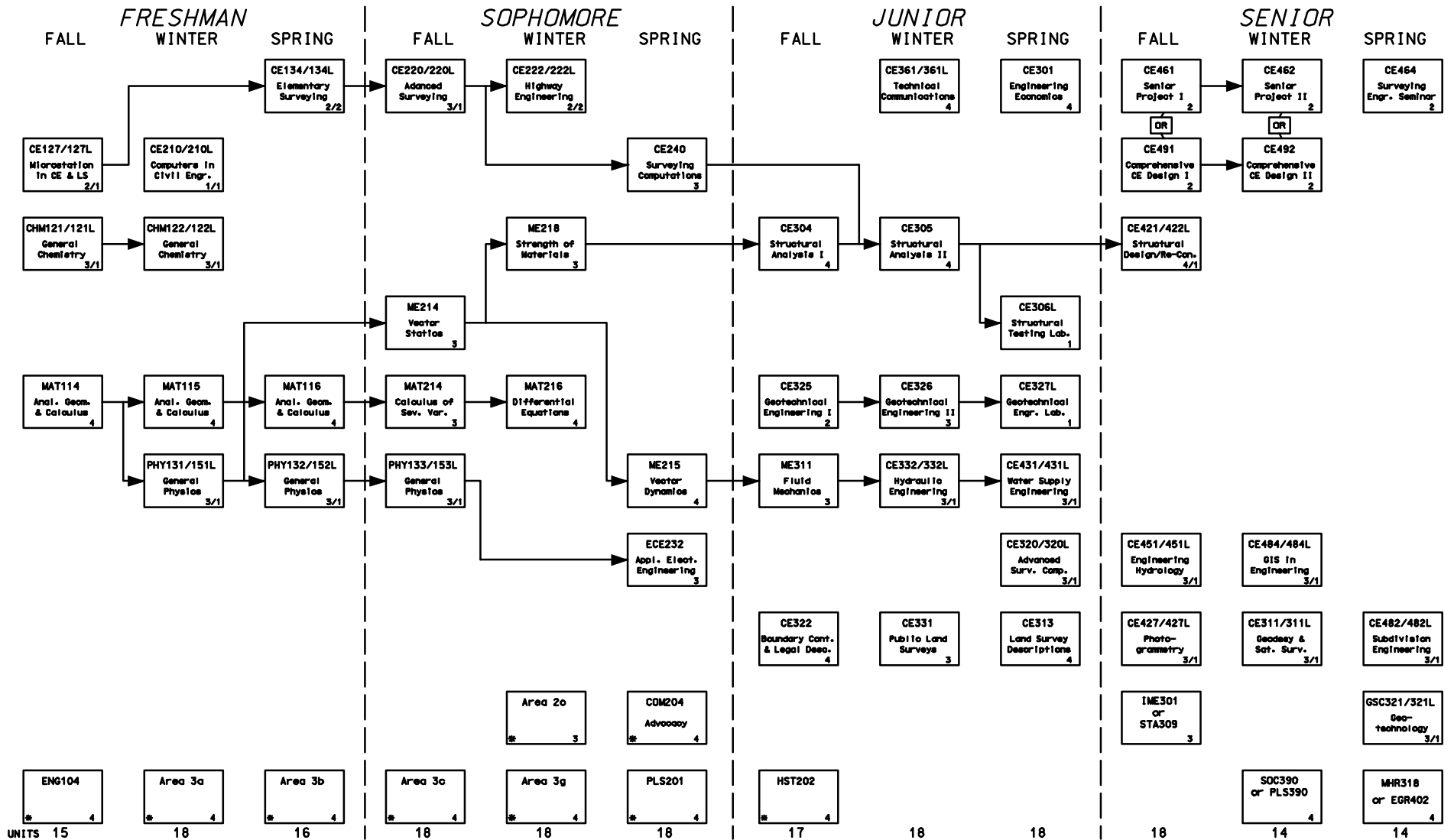
NOT MORE THAN 105 UNITS FROM A COMMUNITY COLLEGE NOR MORE THAN 36 UNITS OF EXTENSION WORK MAY BE APPLIED TOWARD A BACHELOR'S DEGREE.
A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR.

CALIFORNIA STATE POLYTECHNIC UNIVERSITY POMONA CIVIL ENGINEERING DEPARTMENT CURRICULUM

AY
2000/2001

SURVEYING 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.

TOTAL = 202
Revision 10/25/1999