



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

ELM Satisfied \_\_\_ Yes \_\_\_ No  
 EPT Satisfied \_\_\_ Yes \_\_\_ No  
 GWT Satisfied \_\_\_ Yes \_\_\_ No

MAJOR **CONSTRUCTION ENGINEERING TECHNOLOGY (5270)**

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

TERM ADMITTED \_\_\_\_\_ YEAR: **2003-2004**

OPTION/EMPHASIS \_\_\_\_\_

EVALUATOR \_\_\_\_\_

UNITS REQUIRED **202**

STUDENT I.D. # \_\_\_\_\_

DATE \_\_\_\_\_

UPDATES \_\_\_\_\_

CORE COURSES	Units	CORE COURSES (cont.)	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 <u>maintain</u> a GPA of at least 2.00 in all core courses.</i>		Construction Surveying I/Lab	ETC 131/L	4	IGE 120 4
		Construction Surveying II/Lab	ETC 132/L	4	IGE 121 4
		Construction Materials	ETC 202	3	IGE 122 4
Intro to Construction Engr & PC's	ETC 101	Construction Inspection	ETC 204	3	IGE 220 4
Applied Statics	ETT 210	Construction Plans & Spec./Lab	ETC 230/L	3	IGE 221 4
Applied C Pgm	ETT 215/L	Electrical Installations/Lab	ETC 270/L	4	IGE 222 4
Senior Project	ETT 461	Construction Accounting/Lab	ETC 279/L	3	IGE 223 4
Senior Project	ETT 462	Construction Estimating I	ETC 304	4	IGE 224 4
Engr Graphics I/Lab	MFE 126/L	Construction Estimating II	ETC 305	4	COM 216 4
		Structural Theory	ETC 311	3	COM 204 4
College Physics	PHY 122	Construction Equipment & Methods	ETC 312	3	EC 201/202 4
College Physics	PHY 123/L	Timber & Formwork Design	ETC 315	4	Area B 16
College Chem/Lab	CHM 121/L	Steel Design	ETC 316	3	Area C4 4
Technical Calculus	MAT 131	Concrete & Masonry Design	ETC 317	3	Area D4 4
Math Electives**		Construction Bdgt. & Cost Control	ETC 401	3	
		Contracts & Specifications	ETC 402	3	
		Construction Safety	ETC 403	3	
App Str of Matls/Lab	ETT 220/L	Construction Planning & Scheduling	ETC 405	3	
Engineering Econ for ET	ETT 305	Construction Org. & Management	ETC 406	3	
App Fluid Mech/Lab	ETT 310/L	Foundations & Soil Mechanics/Lab	ETC 411/L	4	
Undergraduate Seminar	ETT 460	Concrete Mix Design/Lab	ETC 431/L	2	
Drafting Elective					
Technology Electives*	ET XXX				
**Typically College Algebra and College Trig					
***NOTE: ETT 101 may be substituted for ETC 101					
		<b>SUMMARY OF ADVANCED STANDING CREDIT:</b> Earned Hours _____ G.P.A. Hours _____ Quality Points _____ G.P.A. _____			
					<b>GENERAL EDUCATION COURSES</b> <b>Area A Communication and Critical Thinking–12 units</b> 1 ENG 104 4 2 Approved A2 Elective 4 3 Approved A3 Elective 4  <b>Area B Math and Natural Sciences–16 units</b> 1 <u>MAT 130</u> 4 2 <u>PHY 121/121L,122L</u> 5 3 Biological Science 3 4 Science and Technology Synthesis* 4  <b>Area C Humanities– 16 units</b> 1 Fine/Performing Arts 4 2 Philosophy and Civilization 4 3 Literature and Foreign Language 4 4 Humanities Synthesis* 4  <b>Area D Social Sciences– 20 units</b> 1a PLS 201 4 1b HST 202 4 2 EC 201 or 202 4 3 SOC/PLS 390 4 4 Social Science Synthesis* 4  <b>Area E Lifelong Understanding and Self-Development–4 units</b> 4  <u>Underlined courses satisfy both major and general education requirements.</u>  *Department Approval Required.
<b>UNITS REQUIRED:</b>		<b>134</b>			<b>UNITS REQUIRED: 68</b>

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.

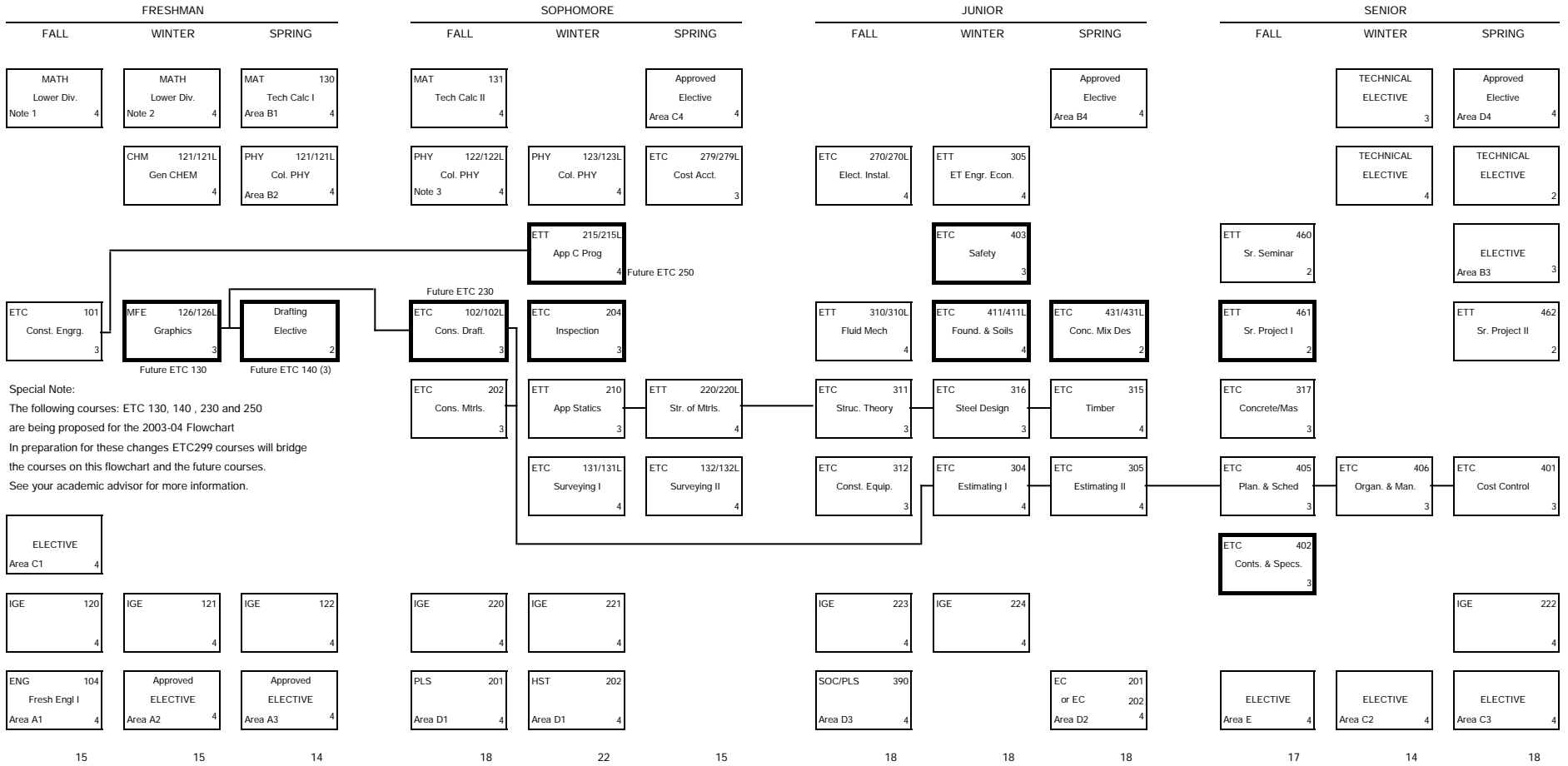
**CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA  
CONSTRUCTION ENGINEERING TECHNOLOGY  
CURRICULUM FLOWSHEET**

NAME: \_\_\_\_\_

CPID: \_\_\_\_\_

2003-04

CPP Major Code: 5270



- Notes:
- Typically, (1) MAT 105 Col Alg.; (2) MAT 106 Col Trig.; (3 & 4) Lab courses satisfy Area B2.
  - Courses with thick borders (ie ETC 411/411L; Junior year Spring quarter) represent quarter changes from previous flowsheets.
  - The 7 units of elective in Winter quarter of the senior year will reduce to 6 when ETC 140 (3) replaces Drafting Elective (2)

Revised 2/8/2003

Total Units 202