



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

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

MAJOR (PLAN) **CONSTRUCTION ENGINEERING TECHNOLOGY**

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

TERM ADMITTED \_\_\_\_\_ YEAR: **2005-2006**

OPTION/EMPHASIS (SUB-PLAN) \_\_\_\_\_

EVALUATOR \_\_\_\_\_

UNITS REQUIRED **198**

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

DATE \_\_\_\_\_

UPDATES \_\_\_\_\_

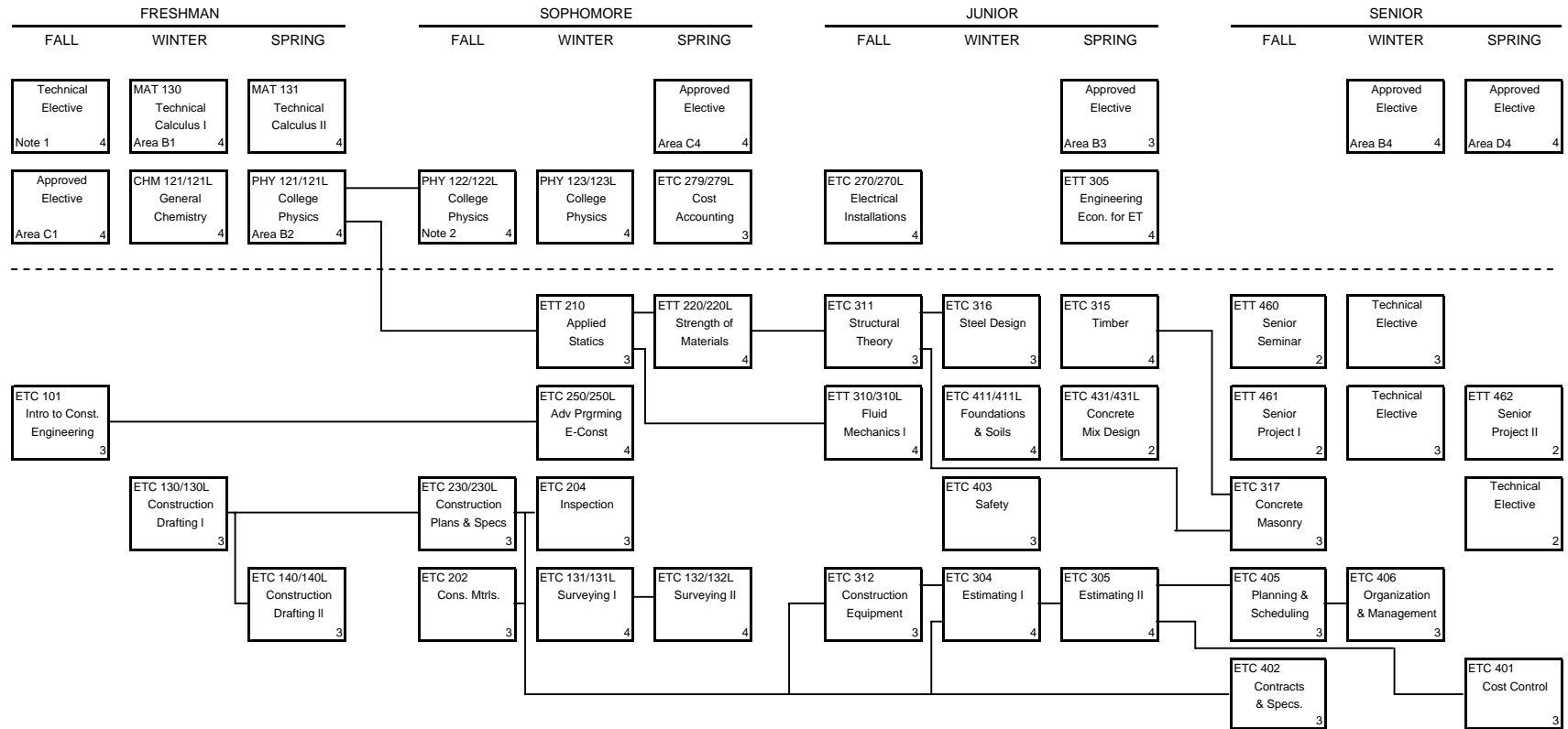
CORE COURSES	Units	SUPPORT COURSES	Units	IGE	GENERAL EDUCATION. Students may fulfill these requirements at Cal Poly Pomona with the General Education (GE) or the Interdisciplinary General Education (IGE) Programs. Select courses from approved lists shown in the Schedule of Classes unless specified.	Units
<i>Students in this major are expected to <u>maintain</u> a GPA of at least 2.00 in all core courses.</i>					<b>GENERAL EDUCATION COURSES</b>	
Intro to Construction ET*	ETC 101 3	Applied Statics	ETT 210 3	IGE 120 4	<b>Area A Communication and Critical Thinking–12 units</b>	
Construction Drafting I/Lab	ETC 130/L 3	Applied Strength of Materials/Lab	ETT 220/L 4	IGE 121 4	1 ENG 104	4
Construction Surveying I/Lab	ETC 131/L 4	Engineering Economics Analysis for ET	ETT 305 4	IGE 122 4	2 Approved A2 Elective	4
Construction Surveying II/Lab	ETC 132/L 4	Applied Fluid Mechanics I/Lab	ETT 310/L 4	IGE 220 4	3 Approved A3 Elective	4
Construction Drafting II/Lab	ETC 140/L 3	College Physics	PHY 122 3	IGE 221 4		
		College Physics/Lab	PHY 123/L 4	IGE 222 4		
Construction Materials	ETC 202 3	College Chemistry/Lab	CHM 121/L 4	IGE 223 4	<b>Area B Math and Natural Sciences–16 units</b>	
Construction Inspection	ETC 204 3	Technical Calculus	MAT 131 4	IGE 224 4	1 <u>MAT 130</u>	4
Construction Drawings & Spec/Lab	ETC 230/L 3			COM 216 4	2 <u>PHY 121/121L,122L</u>	5
Adv. Comp. Apps. & E-Const/Lab	ETC 250/L 4	Technical Electives**	12	COM 204 4	3 Biological Science	3
Electrical Installations/Lab	ETC 270/L 4	**May include College Trig		EC 201/202 4	4 Science and Technology Synthesis*	4
Construciton Cost Acctg./Lab	ETC 279/L 3	Consult Dept. Advisor		Area B 16		
				Area C4 4		
				Area D4 4	<b>Area C Humanities– 16 units</b>	
Construction Estimating I	ETC 304 4				1 Fine/Performing Arts	4
Construction Estimating II	ETC 305 4				2 Philosophy and Civilization	4
Structural Theory	ETC 311 3				3 Literature and Foreign Language	4
Construction Equipment & Methods	ETC 312 3				4 Humanities Synthesis*	4
Timber & Formwork Design	ETC 315 4					
Steel Design	ETC 316 3				<b>Area D Social Sciences– 20 units</b>	
Concrete & Masonry Design	ETC 317 3				1a PLS 201	4
					1b HST 202	4
Construction Cost Control	ETC 401 3				2 History, Economics, and Political Science	4
Contracts & Specifications	ETC 402 3				3 SOC/PLS 390	4
Construction Safety	ETC 403 3				4 Social Science Synthesis*	4
Construction Planning & Scheduling	ETC 405 3					
Construction Org. & Management	ETC 406 3				<b>Area E Lifelong Understanding and Self-Development–4 units</b>	
Foundations & Soil Mechanics/Lab	ETC 411/L 4					4
Concrete Mix Design/Lab	ETC 431/L 2					
Undergraduate Seminar	ETT 460 2					
Senior Project I & II	ETT 461 & 462 2/2					
*ETT 101 may be substituted for ETC 101.		<div style="border: 1px solid black; padding: 5px;"> <b>SUMMARY OF ADVANCED STANDING CREDIT:</b>            Earned Hours _____            G.P.A. Hours _____            Quality Points _____            G.P.A. _____         </div>			Underlined courses satisfy both major and general education requirements.	
					*Department Approval Required.	
<b>UNITS REQUIRED:</b>	<b>88</b>			<b>42</b>	<b>UNITS REQUIRED:</b>	<b>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.

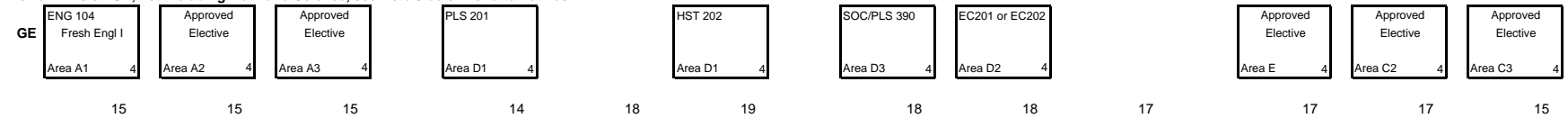
**CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA**  
**CONSTRUCTION ENGINEERING TECHNOLOGY**  
**CURRICULUM FLOWSHEET**  
**2005-06**

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

Academic Plan: ETC



**Lower Division GE, not including Math and Science, see Note 3 below for alternatives**



**Notes**

1. May include College Trigonometry (MAT 106 at CPP) if taken before Calculus
2. Lab course used to satisfy GE Area B2.
3. An alternative GE pattern from that listed here, the Interdisciplinary Education Program (IGE), for partial fulfillment of GE Areas A, C and D is available for students in this major.  
 Although the IGE program tends to fit best for freshmen entering Cal Poly Pomona it is available to all students, see the University catalog or your advisor for more information.

Revised 3/21/2005

Total Units 198

The flowchart above attempts to show the order of courses to complete the degree Bachelor of Science in Construction Engineering Technology in 4 years: 12 quarters not including summer quarters. The flowchart is not a schedule however and when specific courses are offered (i.e. what quarter in a given year) depends on many factors including enrollment, faculty availability, on-going curricular changes and budgetary constraints. If you have concerns about when a course is to be offered next or any other course related questions you should contact your department advisor or the ET office (909-869-2492 or etdept@csupomona.edu).