



**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: **2004-2005**

OPTION/EMPHASIS _____

EVALUATOR _____

UNITS REQUIRED **202**

STUDENT I.D. # _____

DATE _____

UPDATES _____

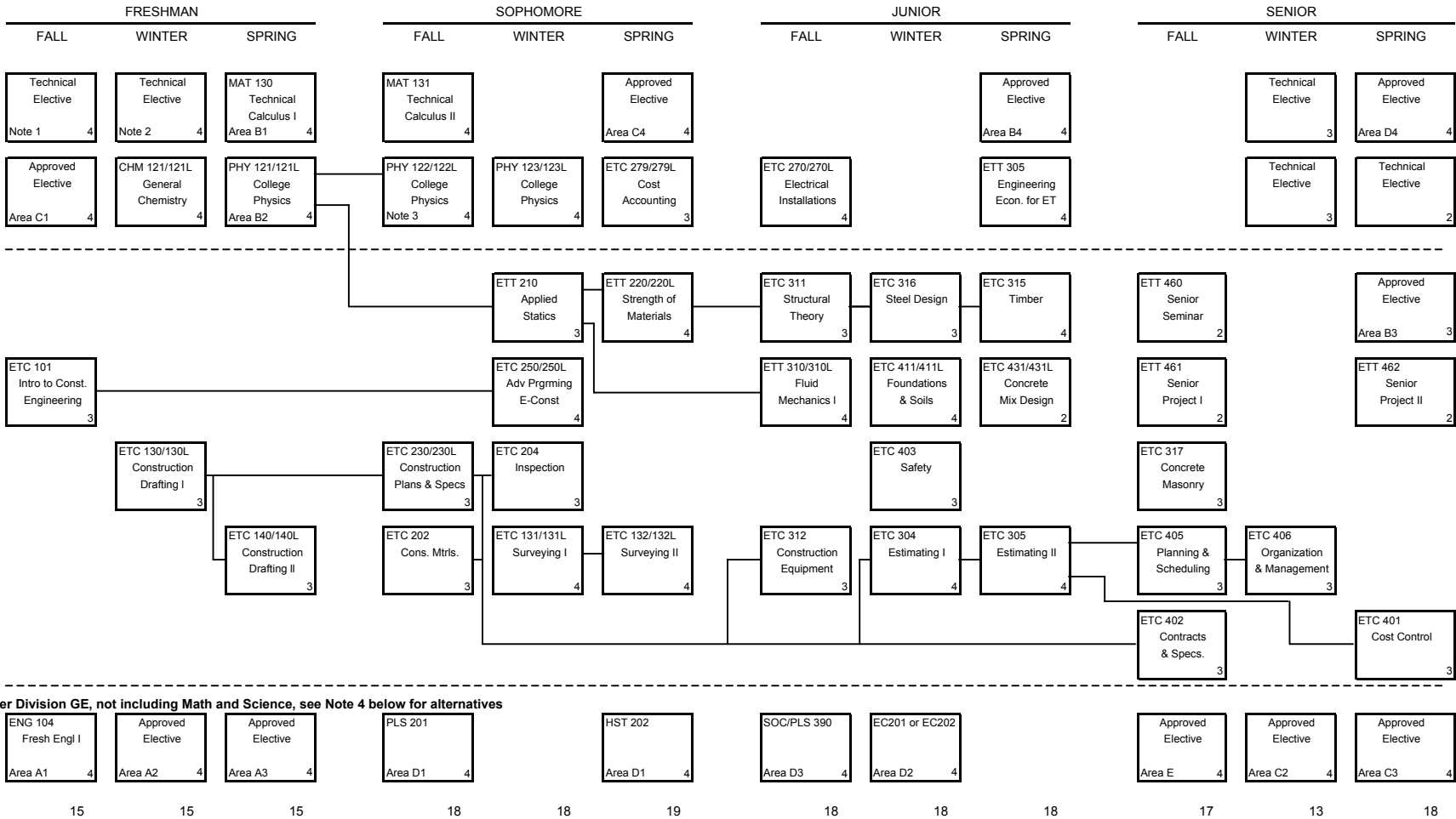
CORE COURSES	Units	CORE COURSES (cont.)	Units	IGE	GENERAL EDUCATION. Students may fulfill these requirements at Cal Poly Pomona with the General Education (GE) or the Interdisciplinary General Education (IGE) Programs. Select courses from approved lists shown in the Schedule of Classes unless specified.
<i>Students in this major are expected to <u>maintain</u> a GPA of at least 2.00 in all core courses.</i>		Intro to Construction Engr & PC's	ETC 101	3**	IGE 120 4
		Construction Drafting I/Lab	ETC 130/L	3	IGE 121 4
Applied Statics	ETT 210 3	Construction Surveying I/Lab	ETC 131/L	4	IGE 122 4
		Construction Surveying II/Lab	ETC 132/L	4	IGE 220 4
Senior Project	ETT 461 2	Construction Drafting II/Lab	ETC 140/L	3	IGE 221 4
Senior Project	ETT 462 2	Construction Materials	ETC 202	3	IGE 222 4
College Physics	PHY 122 3	Construction Inspection	ETC 204	3	IGE 223 4
		Construction Plans & Spec./Lab	ETC 230/L	3	IGE 224 4
College Physics/Lab	PHY 123/L 4	Advanced Comp Apps & E-Const/Lab	ETC 250/L	4	COM 216 4
College Chemistry/Lab	CHM 121/L 4	Electrical Installations/Lab	ETC 270/L	4	COM 204 4
Technical Calculus	MAT 131 4	Construction Accounting/Lab	ETC 279/L	3	EC 201/202 4
Applied Strength of Materials/Lab	ETT 220/L 4	Construction Estimating I	ETC 304	4	Area B 16
		Construction Estimating II	ETC 305	4	Area C4 4
Engineering Economics Analysis for ET	ETT 305 4	Structural Theory	ETC 311	3	Area D4 4
Applied Fluid Mechanics I/Lab	ETT 310/L 4	Construction Equipment & Methods	ETC 312	3	GENERAL EDUCATION COURSES Area A Communication and Critical Thinking–12 units 1 ENG 104 4 2 Approved A2 Elective 4 3 Approved A3 Elective 4 Area B Math and Natural Sciences–16 units 1 <u>MAT 130</u> 4 2 <u>PHY 121/121L,122L</u> 5 3 Biological Science 3 4 Science and Technology Synthesis* 4 Area C Humanities– 16 units 1 Fine/Performing Arts 4 2 Philosophy and Civilization 4 3 Literature and Foreign Language 4 4 Humanities Synthesis* 4 Area D Social Sciences– 20 units 1a PLS 201 4 1b HST 202 4 2 EC 201 or 202 4 3 SOC/PLS 390 4 4 Social Science Synthesis* 4 Area E Lifelong Understanding and Self-Development–4 units 4 <u>Underlined courses satisfy both major and general education requirements.</u> *Department Approval Required.
Undergraduate Seminar	ETT 460 2	Timber & Formwork Design	ETC 315	4	
Technical Electives***	16	Steel Design	ETC 316	3	
		Concrete & Masonry Design	ETC 317	3	
		Construction Bdgt. & Cost Control	ETC 401	3	
		Contracts & Specifications	ETC 402	3	
		Construction Safety	ETC 403	3	
		Construction Planning & Scheduling	ETC 405	3	
		Construction Org. & Management	ETC 406	3	
		Foundations & Soil Mechanics/Lab	ETC 411/L	4	
		Concrete Mix Design/Lab	ETC 431/L	2	
		***May include College Alg & Trig if taken before Calculus, Consult Department Advisor		**NOTE: ETT 101/L may substitute for ETC 101	
SUMMARY OF ADVANCED STANDING CREDIT: Earned Hours _____ G.P.A. Hours _____ QualityPoints _____ G.P.A. _____					
UNITS REQUIRED:		134		UNITS REQUIRED:	68

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
2004-05

NAME: _____

CPP Major Code: 5270



Notes

1. May include College Algebra (MAT 105 at CPP) if taken before Calculus
2. May include College Trigonometry (MAT 106 at CPP) if taken before Calculus
3. Lab course used to satisfy GE Area B2.
4. 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 3/10/2004

Total Units 202

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).