



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

ELM Satisfied ___ Yes ___ No
 EPT Satisfied ___ Yes ___ No
 GWT Satisfied ___ Yes ___ No

MAJOR **ENGINEERING TECHNOLOGY (5260)**
General (Mechanical/Manufacturing)

NAME _____
 LAST FIRST MI

TERM ADMITTED _____ YEAR: **2004-2005**

EVALUATOR _____

DATE _____

UNITS REQUIRED **202**

STUDENT I.D. # _____

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 maintain a GPA of at least 2.00 in all core courses.</i>		Emphasis Courses			GENERAL EDUCATION COURSES
		Applied Dynamics ETT 211	3	IGE 120 4	Units
		Material Science for ET ETT 217	3	IGE 121 4	Area A Communication and Critical Thinking–12 units
		Strength of Materials/Lab ETT 220/L	4	IGE 122 4	1 ENG 104 4
Computer Application for ET/Lab ETT 101/L	3	Materials Joining/Lab ETT 234/L	2	IGE 220 4	2 Approved A2 Elective 4
Applied Statics ETT 210	3	Applied Fluid Mechanics I/Lab ETT 310/L	4	IGE 221 4	3 Approved A3 Elective 4
Applied C Programming/Lab ETT 215/L	4	Applied Thermodynamics ETM 306	4	IGE 222 4	Area B Math and Natural Sciences–16 units
Senior Project I ETT 461	2	Applied Heat Transfer ETM 308	3	IGE 223 4	1 MAT 130 4
Senior Project II ETT 462	2	Applied Fluid Mechanics II ETM 312	4	IGE 224 4	2 PHY 121/121L, 122L 5
Engineering Graphics I/Lab MFE 126/L	3	Instrumentation & Control/Lab ETM 330/L	4	COM 216 4	3 Biological Science 3
College Physics PHY 122	3	IC Engines & Gas Turbines/Lab ETM 410/L	4	COM 204 4	4 Science and Technology Synthesis* 4
College Physics/Lab PHY 123/L	4	Manufacturing Processes I/Lab MFE 221/L	3	EC 201/2024	Area C Humanities– 16 units
College Chemistry/Lab CHM 121/L	4	Engineering Graphics II/Lab MFE 226/L	3	Area B 16	1 Fine/Performing Arts 4
Technical Calculus II MAT 131	4	Manufacturing Processes II/Lab MFE 230/L	3	Area C4 8	2 Philosophy and Civilization 4
Technical Calculus III MAT 132	4			Area D4 8	3 Literature and Foreign Language 4
Support Courses in Major					4 Humanities Synthesis* 4
Electrical Technology/Lab ETT 201/L	4				Area D Social Sciences– 20 units
Engineering Economics Analysis for ET ETT 305	4				1a PLS 201 4
Electronic Devices & Systems/Lab ETE 321/L	4				1b HST 202 4
Undergraduate Seminar ETT 460	2				2 EC 201 or 202 4
ET ELECTIVES** ET XXX	40				3 PLS/SOC 390 4
					4 Social Science Synthesis* 4
** May include College Alg & Trig if taken before Calculus, Consult Department Advisor					Area E Lifelong Understanding and Self-Development–4 units
					4 4
					<u>Underlined courses</u> satisfy both major and general education requirements.
					* Department Approval Required
UNITS REQUIRED:			134		UNITS REQUIRED: 68

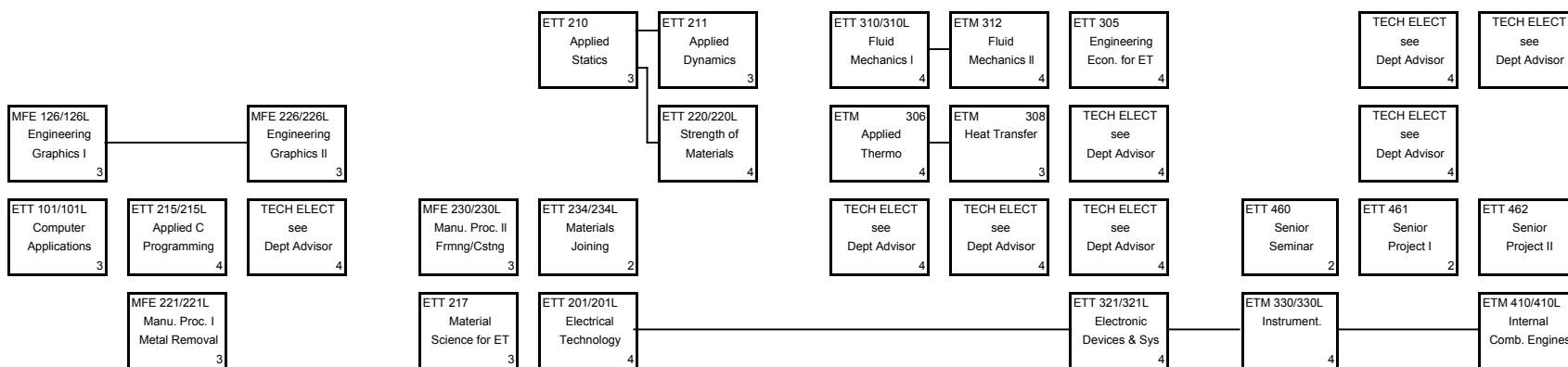
SUMMARY OF ADVANCED STANDING CREDIT:
 Earned Hours _____
 G.P.A. Hours _____
 Quality Points _____
 G.P.A. _____

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
ENGINEERING TECHNOLOGY (General-Mechanical/Manufacturing Emphasis)
CURRICULUM FLOWSHEET
2004-05

NAME: _____

CPP Major Code: 5260

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING
Technical Elective Note 1 4	Technical Elective Note 2 4	MAT 130 Technical Calculus I Area B1 4	MAT 131 Technical Calculus II 4	MAT 132 Technical Calculus III 4	Approved Elective Area B4 4				Approved Elective Area C4 4		Approved Elective Area D4 4
	CHM 121/121L General Chemistry 4	PHY 121/121L College Physics Area B2 4	PHY 122/122L College Physics Note 3 4	PHY 123/123L College Physics 4							



Lower Division GE, not including Math and Science, see Note 4 below for alternatives

ENG 104 Fresh Engl I Area A1 4	Approved Elective Area A2 4	Approved Elective Area A3 4	PLS 201 Area D1 4	HST 202 Area D1 4	Approved Elective Area E 4	SOC/PLS 390 Area D3 4	EC201 or EC202 Area D2 4	Approved Elective Area B3 3	Approved Elective Area C1 4	Approved Elective Area C2 4	Approved Elective Area C3 4
14	19	19	18	21	15	16	15	19	14	14	18

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 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).