



**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: 2002-2003**

EVALUATOR _____

DATE _____

UPDATES _____

UNITS REQUIRED **202**

STUDENT I.D. # _____

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		IGE 120 4	GENERAL EDUCATION COURSES
Comp. Appl. ET	ETT 101/L 3	Appd Dynamics	ETT 211 3	IGE 121 4	Area A Communication and Critical Thinking–12 units
Applied Statics	ETT 210 3	Material Science for ET	ETT 217 3	IGE 122 4	1 ENG 104 4
Applied C Programming	ETT 215/L 4	Strength of Mtls	ETT 220/L 4	IGE 220 4	2 Approved A2 Elective 4
Senior Project I	ETT 461 2	Materials Joining	ETT 234/L 2	IGE 221 4	3 Approved A3 Elective 4
Senior Project II	ETT 462 2	Appl Fluid Mech I	ETT 310/L 4	IGE 222 4	Area B Math and Natural Sciences–16 units
Engr Graphics I	MFE 126/L 3	Appl Thermo	ETM 306 4	IGE 223 4	1 <u>MAT 130</u> 4
College Phy	PHY 122 3	Appd Heat Transfer	ETM 308 3	IGE 224 4	2 <u>PHY 121/121L, 122L</u> 5
College Phy	PHY 123/L 4	Appd Fluid Mech II	ETM 312 4	COM 216 4	3 Biological Science 3
College Chemistry	CHM 121/L 4	Instrumentation	ETM 330/L 4	COM 204 4	4 Science and Technology Synthesis* 4
Tech Calc. II	MAT 131 4	or Eletr Test Instru	ETE 420/L 4	EC 201/202 4	Area C Humanities–16 units
Math Electives*+	8	IC Engines & Gas Turb	ETM 410/L 4	Area B 16	1 Fine/Performing Arts 4
Support Courses in Major		Mfg Proc I	MFE 221/L 3	Area C4 8	2 Philosophy and Civilization 4
Electrical Tech	ETT 201/L 4	Engr Graphics II	MFE 226/L 3	Area D4 8	3 Literature and Foreign Language 4
or Electrical Circ. I	ETE 102/L (4)	Mfg Proc II	MFE 230/L 3		4 Humanities Synthesis* 4
Engg Econ for ET	ETT 305 4	*+Typically College Algebra and College Trig		Area D Social Sciences–20 units	
Elec-Mech Dev & Sys	ETE 321/L 4			1a PLS 201 4	
Undergrad Seminar	ETT 460 2			1b HST 202 4	
ET ELECTIVES*	36			2 EC 201 or 202 4	
				3 PLS/SOC 390 4	
				4 Social Science Synthesis* 4	
				Area E Lifelong Understanding and Self-Development–4 units	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. _____

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
ENGINEERING TECHNOLOGY (General-Mechanical/Manufacturing Emphasis)
CURRICULUM FLOWSHEET
2002-03

NAME: _____

CPID: _____

CPP Major Code: 5260

	FRESHMAN			SOPHOMORE			JUNIOR			SENIOR				
	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING		
	MATH Lower Div. Note 1 4	MATH Lower Div. Note 2 4	MAT 130 Tech Calc I Area B1 4	MAT 131 Tech Calc II 4	TECH ELECT see Dept Advsr 4	Approved Elective Area B4 4				Approved Elective Area C4 4	ETM 308 Heat Transfer 3	Approved Elective Area D4 4		
		CHM 121/121L Gen CHEM 4	PHY 121/121L Col. PHY Area B2 4	PHY 122/122L Col. PHY Note 3 4	PHY 123/123L Col. PHY 4					ETT 305 ET Engr. Econ. 4	TECH ELECT see Dept Advsr 3	TECH ELECT see Dept Advsr 2		
	MFE 126/126L Graphics I 3					ETT 220/220L Str. of Mtrls. 4			ETT 310/310L Fluid Mech I 4	ETM 312 Fluid Mech II 4	TECH ELECT see Dept Advsr 4	ETT 460 Sr. Seminar 2	ETT 461 Sr. Project I 2	ETT 462 Sr. Project II 2
	ETT 101/101L Comp Appl 3	ETT 215/215L App C Prog 4	TECH ELECT see Dept Advsr 3	MFE 230/230L Form, Cst, Jng 3	ETT 210 App Statics 3	ETT 211 App Dynamics 3			ETT 217 Engr. Mtrls 3	ETM 306 Appl Thermo 4	TECH ELECT see Dept Advsr 4	ETT 410/410L IC Engines 4	TECH ELECT see Dept Advsr 2	TECH ELECT see Dept Advsr 4
		MFE 221/221L Metal Remov. 3	MFE 226/226L Graphics II 3		ETC 234/234L Mtrls Joining 2	ETT 201/201L or ETE 102/L 4			ETT 321/321L Elect. Tech. 4	ETM 330/330L Instrument. 4	TECH ELECT see Dept Advsr 4		TECH ELECT see Dept Advsr 2	TECH ELECT see Dept Advsr 4
IGE	IGE 120 4	IGE 121 4	IGE 122 4	IGE 220 4	IGE 221 4	IGE 222 4			IGE 223 4	IGE 224 4				
GE	ENG 104 Fresh Engr I Area A1 4	Approved ELECTIVE Area A2 4	Approved ELECTIVE Area A3 4	PLS 201 Area D1 4	HST 202 Area D1 4	ELECTIVE Area E 4			SOC/PLS 390 Area D3 4	EC 201 or EC 202 Area D2 4	ELECTIVE Area B3 3	ELECTIVE Area C1 4	ELECTIVE Area C2 4	ELECTIVE Area C3 4
	14	19	18	15	17	19			15	16	15	18	16	20

Notes: Typically, (1) MAT 105 Col Alg.; (2) MAT 106 Col Trig.,(3 & 4) Lab courses satisfy Area B2.

Revised 5/28/2002

Total Units 202