



**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: 2003-2004

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 | | | GENERAL EDUCATION COURSES |
| | | Appd Dynamics | ETT 211 | 3 | Area A Communication and Critical Thinking–12 units |
| | | Material Science for ET | ETT 217 | 3 | 1 ENG 104 |
| | | Strength of Mtls | ETT 220/L | 4 | 2 Approved A2 Elective |
| Comp. Appl. ET | ETT 101/L | 3 | | | 3 Approved A3 Elective |
| Applied Statics | ETT 210 | 3 | | | |
| Applied C Programming | ETT 215/L | 4 | | | Area B Math and Natural Sciences–16 units |
| Senior Project I | ETT 461 | 2 | | | 1 <u>MAT 130</u> |
| Senior Project II | ETT 462 | 2 | | | 2 <u>PHY 121/121L, 122L</u> |
| Engr Graphics I | MFE 126/L | 3 | | | 3 Biological Science |
| College Phy | PHY 122 | 3 | | | 4 Science and Technology Synthesis* |
| College Phy | PHY 123/L | 4 | | | |
| College Chemistry | CHM 121/L | 4 | | | Area C Humanities– 16 units |
| Tech Calc. II | MAT 131 | 4 | | | 1 Fine/Performing Arts |
| Math Electives*+ | | 8 | | | 2 Philosophy and Civilization |
| Support Courses in Major | | | | | 3 Literature and Foreign Language |
| Electrical Tech | ETT 201/L | 4 | | | 4 Humanities Synthesis* |
| or Electrical Circ. I | ETE 102/L | (4) | | | Area D Social Sciences– 20 units |
| Engg Econ for ET | ETT 305 | 4 | | | 1a PLS 201 |
| Elec-Mech Dev & Sys | ETE 321/L | 4 | | | 1b HST 202 |
| Undergrad Seminar | ETT 460 | 2 | | | 2 EC 201 or 202 |
| | | | | | 3 PLS/SOC 390 |
| ET ELECTIVES* | 36 | | | | 4 Social Science Synthesis* |
| | | | | | 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 _____
 QualityPoints _____
 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

2003-04

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 | ETM 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 120 4 | IGE 121 4 | IGE 122 4 | IGE 220 4 | IGE 221 4 | IGE 222 4 | IGE 223 4 | IGE 224 4 | | | | |
| 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 2/8/2003

Total Units 202