



DEGREE REQUIREMENT EVALUATION

California State Polytechnic University, Pomona

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

YEAR: 1998-99

MAJOR **INDUSTRIAL ENGINEERING (5400)** NAME _____ EVALUATOR _____
 OPTION _____ LAST FIRST M.I. DATE _____
 UNITS REQUIRED 202 STUDENT ID NO. _____ UPDATES _____

Students in this major are expected to achieve and maintain a GPA of at least 2.00 in all courses included in Column I.

A. 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.

Column I	Column II	Column IIIa	Column IIIb
CORE COURSES IN MAJOR	SUPPORT AND DIRECTED ELECTIVES	Interdis. G.E.	AREA 1 – 12 units a) ENG 104 (4) b) COM 204 (4) c) ENG 105 (4)
Fund of Human Factors Engr IE 225/L 4	Gen Chem CHM 121/L 4	IGE 120 4	AREA 2 – 16 units (must include one lab course; area 2d must be upper division) a) MAT 114(4) b) PHY 131/151, 152L, 153L (3,1,1,1) c) BIO 110 (3) d) IME 301 or STA 309 (3)
Ind Engr Math Analy IE 311 3	Gen Chem CHM 122/L 4	IGE 121 4	AREA 3 – 24 units Arts, Literature, Philosophy, and Foreign Languages a) Elective(4) b) Elective (4) c) UD or LD Elective (4)
Elem End Engr Sys IE 327/L 4	Elem Elec Engr ECE 231/251L 4	IGE 122 4	Social, Political, and Economic Institutions d) EC 202 (4) e, f) PLS 390/SOC 390 (4)*
Oper Res I IE 416 4	Elec Inst & controls ECE 333/383L 4	IGE 220 4	Integrated Being g) Elective (4)
Oper Res II IE 417 4	Engr Prob & stat IME 312 3	IGE 221 4	AREA 4 – 8 units PLS 201 (4) and HST 202 (4)
Indust sys Simulation IE 429/L 4	Undergrad Seminar IME 460 2	IGE 222 4	AREA 5 – 8 units (A total of 12 upper division units required in GE—four in Area 2d and eight in Area 5.) EGR 402 (4) and EGR 403 (4)
Oper Plan & Control IE 436/L 3	An Geom/Calculus II MAT 115 4	IGE 223 4	*course satisfies two requirements
Ind & Mfg Engr Fund IME 112 3	An Geom/Calculus III MAT 116 4	IGE 224 4	<u>Underlined courses</u> satisfy both major and general education requirements.
Ind & Mfg Engr Comp IME113/L 2	Calc of Sev Var I MAT 214 3	COM 204 4	
Work analy & Des IME 224/L 4	Calc of Sev Var II MAT 215 3	COM 216 4	
Ind costs/Cnt IME 239 3	Diff Equations MAT 216 4	EC 201 4	
Prod Plng & Control IME 326 3	Vector Statics ME 214 3	or EC 202	
Fac Plan Lay/Des IME331/L 4	Vector Dynamics ME 215 4	Area 2-16 units	
Qual cont Stat Meth IME 415 4	Strength Matls ME 218 3	(See Col IIIb)	
Sr Project IME 461 2	Strength Matls ME 219 3	Area 5-8 units	
Sr Project IME 462 2	Engr Graphics I MFE 126/L 3	(See Col IIIb)	
Mfg Syst Processes MFE 201/L 4	Intro Comp Integ Mfg MFE 450/L 4		
C for Engineers ECE 114 3	Matls Sci & Engr MTE 207 3		
Industrial Engr Electives* 6	General Physics PHY 132 3		
	General Physics PHY 133 3		
*Select from approved list.			
Column I Units Required 66	Column II Units Required 68	Column III Units Required 68	
		TRANSFER ELECTIVES	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.
 ALL SPEAKERS OF ENGLISH AS A SECOND LANGUAGE WHO HAVE NOT ACHIEVED THE MINIMUM EPT SCORE FOR ENGLISH 104 MUST TAKE ENGLISH 102 AND 103.
 A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR. F-105-16 Rev. 2/98

