



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

YEAR: 2001-2002

MAJOR **INDUSTRIAL ENGINEERING (5400)**

NAME _____ LAST _____ FIRST _____ MI _____

UNITS REQUIRED **202**

STUDENT I.D. # _____

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.

CORE COURSES	Units	Course Taken	Grade	SUPPORT COURSES	Units	Course Taken	Grade	IGE	Units	Course Taken	Grade	GENERAL EDUCATION COURSES	Units	Course Taken	Grade		
<i>Students in this major are expected to achieve and maintain a GPA of at least 2.00 in all core courses.</i> Fund of Human Factors Engr IE 225/L 4 Ind Engr Math Analy IE 311 3 Elem Ind Engr Sys IE 327/L 4 Oper Res I IE 416 4 Oper Res II IE 417 4 Indust Sys Simulation IE 429/L 4 Oper Plan & Control IE 436/L 3 Ind & Mfg Engr Fund IME 112 3 Ind & Mfg Engr Comp IME 113/L 3 Work Analy & Des IME 224/L 4 Indus Costs/Cnt IME 239 3 Prod Plng & Control IME 326 3 Fac Plan Lay/Des IME 331/L 4 Qual Cont Stat Meth IME 415 4 Sr Project IME 471 or IME 461 2 Sr Project IME 472 or IME 462 3 Mfg Sys Processes MFE 201/L 4 Industrial Engr Electives* 7 * Select from approved list.				Gen Chem CHM 121/L 4				IGE 120 4				Area A Communication and Critical Thinking–12 units 1 Written Communication 4 2 Oral Communication 4 3 Critical Thinking 4 Area B Math and Natural Sciences–16 units <i>Select at least one lab course from sub-area 2 or 3.</i> 1 Mathematics and Quantitative Reasoning 4 2 Physical Science 4 3 Biological Science 4 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 <i>Two courses in sub-area 1, and at least one course from each of sub-areas 2, 3, and 4.</i> 1 U.S. History, Constitution, American Ideals 8 2 History, Economics, and Political Science 4 3 Sociology, Anthropology, Ethnic, and Gender Studies 4 4 Social Science Synthesis 4 Area E Lifelong Understanding and Self-Development–4 units GENERAL EDUCATION (above areas) 68 UNRESTRICTED ELECTIVES: 20 SUMMARY OF ADVANCED STANDING CREDIT: Earned Hours _____ G.P.A. Hours _____ Quality Points _____ G.P.A. _____ ELM Satisfied ___ Yes ___ No EPT Satisfied ___ Yes ___ No GWT Satisfied ___ Yes ___ No EVALUATOR _____ DATE _____ UPDATES _____					
				Gen Chem CHM 122/L 4				IGE 121 4									
				Elem Elec Engr ECE 231/251L 4				IGE 122 4									
				Elec Inst & Controls ECE 333/383L 4				IGE 220 4									
				Engr Prob & Stat IME 312 3				IGE 221 4									
				Undergrad Seminar IME 460 1				IGE 222 4									
				An Geom/Calculus II MAT 115 4				IGE 223 4									
				An Geom/Calculus III MAT 116 4				IGE 224 4									
				Calc of Sev Var I MAT 214 3				COM 216 4									
				Calc of Sev Var II MAT 215 3				COM 204 4									
				Diff Equations MAT 216 4				EC 201/202 4									
				Vector Statics ME 214 3				Area 2 16									
				Strength Matls ME 218 3				Area 5 8									
				Engr Graphics I MFE 126/L 3													
				Intro Comp Integ Mfg MFE 450/L 4													
				Matls Sci & Engr MTE 207 3													
				General Physics PHY 132 3													
				General Physics PHY 133 3													
				Engineering Science Electives 8													
	UNITS REQUIRED:	66			UNITS REQUIRED:	68			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.

INDUSTRIAL ENGINEERING

Name _____

2002-2003

Fall			Winter			Spring			Fall			Winter			Spring																				
IME 112 3			IME 113/L 3			IME 239 3			IME 224/L 4			IE 225/L 4			IME 326 3			IME 450/L 4																	
MFE 126 3			MFE201/L 4			IE 311 3			IME 312 3			IME 331/L 4			IE 327/L 4			IE 415 4			Area B4 4														
												IE 417 4			IE 416 4			IE 429/L 4			IE 436 3														
			MTE 207 3									IE ELEC 4			IME 460 1			IME 471or 2			IME 472or 3														
			ME 214 3			Eng.Sci.EI 3			ME 218 3			EngSciEI 4			ECE 231 4			ECE 323 4																	
			PHY 131 PHY 131L 4			PHY 132 PHY 132L 4			PHY 133 PHY 133L 4			IME 301 3																							
MAT 114 4			MAT 115 4			MAT 116 4			MAT 214 3			MAT 215 3			MAT 216 4																				
CHM 121L 4			CHM 122L 4																																
IGE 120 4			IGE 121 4			IGE 122 4			IGE 220 4			IGE 221 4			IGE 222 4			IGE224 4			Area C4 4			Area D4 4											
ENG 104 4			Area A2 4			Area A3 4			EC 201 or EC 202 4			Area B3 3			Area C1 4			Area C2 4			SOC/PLS 390 4			PLS201 4			Area C3 4			HST 202 4			Area E 4		
18			16			15			17			19			18			15			16			16			18			19			15		

Total Units: 202