



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

**YEAR: 2000-2001**

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 2 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 461 2 Sr Project IME 462 2 Mfg Sys Processes MFE 201/L 4 C for Engineers ECE 114 3 Industrial Engr Electives* 6  * Select from approved list.				Gen Chem CHM 121/L 4				IGE 120 4				<b>Area 1 Comm in Eng Lang – 12 units</b> 1a ENG 104 4 1b Elective 4 1c Elective 4 <b>Area 2 Science/Math – 16 units</b> 2a <u>MAT 114</u> 4 2b <u>PHY 131/L, 132L, 133L</u> 6 2c Elective 3 2d <u>IME 301 OR STA 309</u> 3 <b>Area 3 Humanities/Social Sciences – 24 units</b> 3a Elective 4 3b Elective 4 3c Elective 4 3d EC 201 or 202 4 3e,f PLS 390/SOC 390* 4 3g Elective 4 <b>Area 4 US Hst/Const/Ideals – 8 units</b> 4a PLS 201 4 4b HST 202 4 <b>Area 5 Upper Division GE – 8 units</b> <u>EGR 402</u> 4 <u>EGR 403</u> 4  *Course satisfies two requirements.  <u>Underlined courses</u> satisfy both major and general education requirements.					
				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 2				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 7													
	<b>UNITS REQUIRED:</b>	<b>66</b>			<b>UNITS REQUIRED:</b>	<b>68</b>			<b>UNITS REQUIRED:</b>	<b>68</b>							

**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 \_\_\_\_\_

INDUSTRIAL ENGINEERING

Name \_\_\_\_\_

00-01

Fall			Winter			Spring			Fall			Winter			Spring																				
IME 112 3			IME 113/L 2			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			IE 410 4														
												IE 417 4			IE 416 4			IE 429/L 4			IE 436 3														
			MTE 207 3						IE ELEC 3			IE ELEC 3			IME 460 2			IME 461 2			IME 462 2			IE ELEC 3											
			ME 214 3			Eng.Sci.EI 4			ME 218 3			EngSciEI 3			ECE 231 4			ECE 333 4																	
			PHY 131 PHY 131L 4			PHY 132 PHY 132L 4			PHY 133 PHY 133L 4			STA 309 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									Area 2a 3																							
IGE 120 4			IGE 121 4			IGE 122 4			IGE 220 4			IGE 221 4			IGE 222 4			IGE224 4						EGR 402 4											
ENG 104 4			Area 1b 4			Area 1c 4			EC 201 or EC 202 4			AREA 3c 4			AREA 3a 4			SOC/PLS 390 4			PLS201 4			AREA 3b 4			HST 202 4			AREA 3g 4					
18			16			14			17			17			18			17			18			17			18			14			18		

Total Units: 202