DEGREE REQUIREMENT EVALUATION

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

California State Polytechnic University, Pomona

YEAR: 1996-97

MAJOR **INDUSTRIAL ENGINEERING (5400)**
OPTION _____
UNITS REQUIRED 202

NAME _____ (LAST FIRST M.I.)
STUDENT ID NO. _____

EVALUATOR _____
DATE _____
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.

GENERAL EDUCATION (68 units) Pick curriculum of study from either Interdisciplinary G.E. (Column IIIa) or Areas 1 through 5 (Column IIIb). Underlined courses satisfy both major and G.E. requirements.

Column I

CORE COURSES IN MAJOR

Fund of Human Factors Engr	IE 225/L	4
Ind Engr Math Analy	IE 311	3
Elem End 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	IME113/L	2
Work analy & Des	IME 224/L	4
Ind 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 Syst Processes	MFE 201/L	4
C for Engineers	ECE 114	3
Industrial Engr Electives*		6

*Select from approved list.

Column I Units Required 66

Column II

SUPPORT AND DIRECTED ELECTIVES

Gen Chem	CHM 121/L	4
Gen Chem	CHM 122/L	4
Elem Elec Engr	ECE 231/251L	4
Elec Inst & controls	ECE 333/383L	4
Engr Prob & stat	IME 312	3
Undergrad Seminar	IME 460	2
An Geom/Calculus II	MAT 115	4
An Geom/Calculus III	MAT 116	4
Calc of Sev Var I	MAT 214	3
Calc of Sev Var II	MAT 215	3
Diff Equations	MAT 216	4
Vector Statics	ME 214	3
Vector Dynamics	ME 215	4
Strength Matls	ME 218	3
Strength Matls	ME 219	3
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

Column II Units Required 68

Column IIIa

Interdis. G.E.

IGE 120	4
IGE 121	4
IGE 122	4
IGE 220	4
IGE 221	4
IGE 222	4
IGE 223	4
IGE 224	4
COM 204	4
COM 216	4
EC 201	4
or EC 202	
Area 2-16 units	

(See Col IIIb)
Area 5-8 units
(See Col IIIb)

Column IIIb

AREA 1 – 12 units
a) ENG 104 (4) b) COM 204 (4) c) COM 216 (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)

AREA 3 – 24 units
Arts, Literature, Philosophy, and Foreign Languages
a) Elective(4) b) Elective (4) c) UD or LD Elective (4)

Social, Political, and Economic Institutions
d) EC 202 or 202 (4) e,f) PLS 390/SOC 390 (4)*

Integrated Being
g) Elective (4)

AREA 4 – 8 units
PLS 201 (4) and HST 202 (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)

*course satisfies two requirements

Column III Units Required 68

TRANSFER ELECTIVES

SUMMARY OF ADVANCED STANDING CREDIT:
Earned Hours _____
G.P.A. Hours _____
Quality Points _____
G.P.A. _____

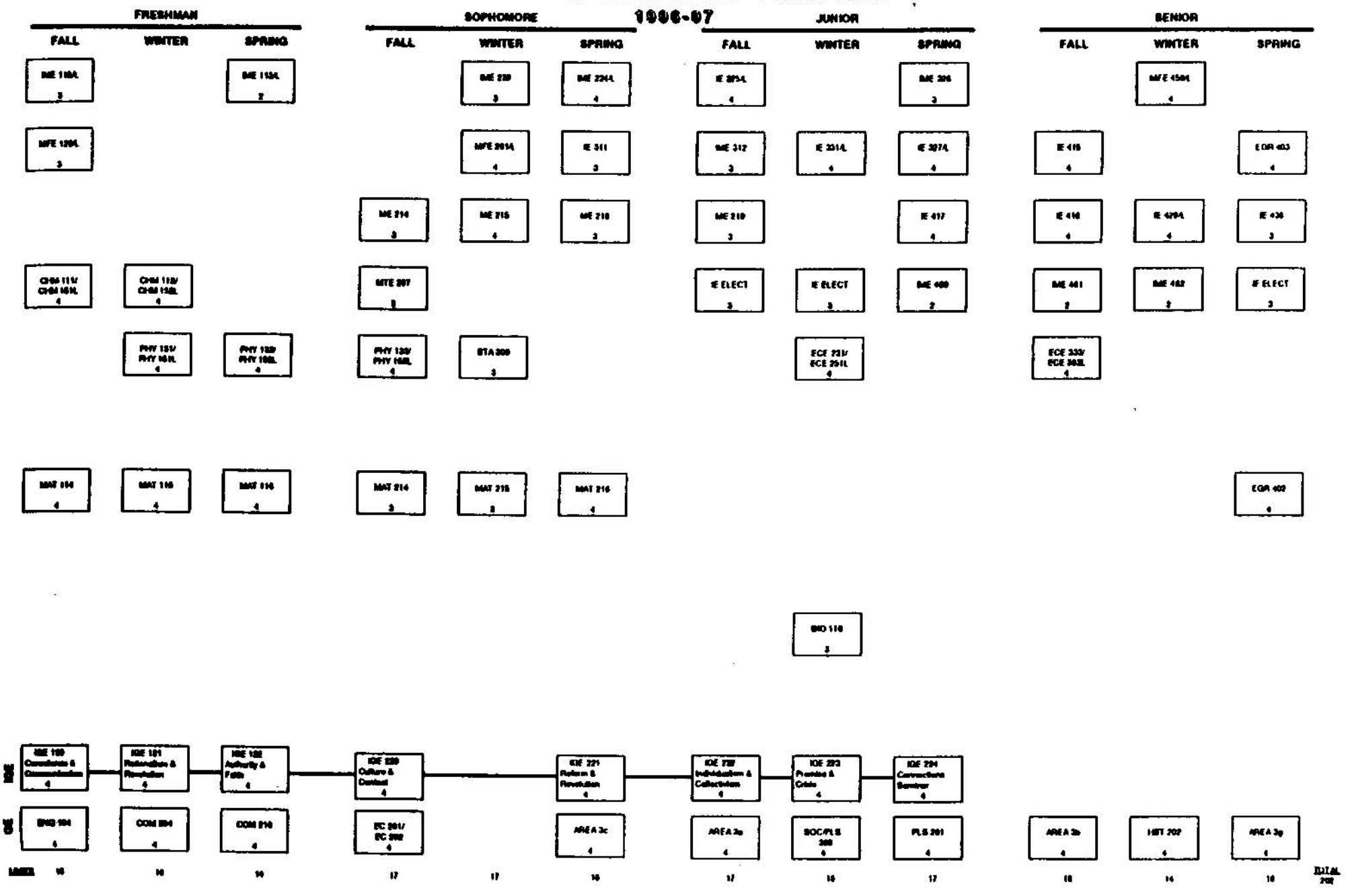
NOT MORE THAN 105 UNITS FROM A COMMUNITY COLLEGE NOR MORE THAN 36 UNITS OF EXTENSION WORK MAY BE APPLIED TOWARD A BACHELOR'S DEGREE.
ALL SPEAKERS OF ENGLISH AS A SECOND LANGUAGE WHO HAVE NOT ACHIEVED THE MINIMUM EPT SCORE FOR ENGLISH 104 MUST TAKE ENGLISH 102 AND 103.
A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR.

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
INDUSTRIAL & MANUFACTURING ENGINEERING DEPARTMENT
INDUSTRIAL ENGINEERING CURRICULUM
1996-97

NAME: _____

CRD: _____

	FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING
	IME 110/L 3		IME 113/L 2		IME 220 3	IME 224/L 4	IE 325/L 4		IME 326 3		MFE 450/L 4	
	MFE 120/L 3				MFE 201/L 4	IE 311 3	IME 312 3	IE 331/L 4	IE 327/L 4	IE 415 4		EGR 403 4
				ME 214 3	ME 215 4	ME 218 3	ME 219 3		IE 417 4	IE 416 4	IE 429/L 4	IE 436 3
	CHM 111/ CHM 151L 4	CHM 112/ CHM 152L 4		MTE 207 3			IE ELECT 3	IE ELECT 3	IME 460 2	IME 461 2	IME 462 2	IE ELECT 3
		PHY 131/ PHY 151L 4	PHY 132/ PHY 152L 4	PHY 133/ PHY 153L 4	STA 300 3			ECE 231/ ECE 251L 4		ECE 333/ ECE 363L 4		
	MAT 114 4	MAT 115 4	MAT 116 4	MAT 214 3	MAT 215 3	MAT 216 4						EGR 402 4
								BIO 110 3				
IDE	IDE 100 Consciousness & Communication 4	IDE 101 Reflection & Revolution 4	IDE 102 Authority & Faith 4	IDE 220 Culture & Contact 4		IDE 221 Reform & Revolution 4	IDE 222 Individuation & Collectivism 4	IDE 223 Promise & Crisis 4	IDE 224 Connections Seminar 4			
GE	ENG 104 4	COM 204 4	COM 210 4	EC 201/ EC 202 4		AREA 3c 4	AREA 3a 4	SOC/PLS 300 4	PLS 201 4	AREA 3b 4	HST 202 4	AREA 3g 4
LIMITS	16	16	14	17	17	16	17	16	17	18	14	16



TOTAL 202

Revised 10/30/96