ST. MARY'S UNIVERSITY
BACHELOR OF SCIENCE DEGREE
INDUSTRIAL ENGINEERING

Name_____ Phone ( )_____
(Last) *(First)*

Address:_____ Date of Entrance _____

FIRST YEAR COURSES

Fall	Hrs	Spring	Hrs
EN1311 Rhetoric & Comp	3	PY 2404 Elect & Magnet	4
MT 2412 Univariate Calc. I	4	PL1310 Experience to Meaning	3
PY 1404 Mechanics & Heat	4	MT2413 Univariate Calc. II	4
EG1301 Engineering Graphics	3	TH2301 Fund. of Theology	3
EG1304 Engineering Programming	3	EG1305 OOP and Design	3
FA 1101 Introduction to Fine Arts	1	FA 1102 Introduction to Fine Arts	1

SECOND YEAR COURSES

MT3311 Differential Equations	3	Technical Elective*	3
CH 1401 General Chemistry I	4	MT 3313 Adv Math for Industrial Engineers	3
PO2300 High Tech & Society	3	PL 2336 Foundational Ethics for Engineers	3
EG2307 Engineering Mechanics	3	EG 2306 Materials Science	3
EG2322 Work Design & Meas.	3	EG2325 Industrial Automation & Control	3
FA 1103 Introduction to Fine Arts	1	SE 1341 Fund of Oral Communication	3

THIRD YEAR COURSES

EG 3322 Industrial Statistics	3	Social Science	3
EN2355 American Literature I	3	EG 3316 Human Factors	3
EG 3333 Facilities Design	3	EG 3334 Engineering Economy	3
EG 4330 Quality Control & Reliability	3	EG 4337 Simulation	3
EG3335 Operations Research I	3	EG3336 Operations Research II	3
EG3345 Circuits & Systems	3	EG3145 Circuits & Systems Lab	1

FOURTH YEAR COURSES

EG4331 Manufacturing Processes	3	PL XX Advanced Philosophy	3
EN 3300 Advanced Composition	3	TH33xx Theology	3
MT 4331 Probability & Statistics I	3	EG 4132 CAM & Robotics Lab	1
EG 4340 Senior Design Project I	3	EG4332 Computer Aided Mfg & Robotics	3
HR 3325 Managing People/Organizations	3	EG 4341 Senior Design Project II	3
		Elective	3

Total Semester Hrs: 136

*Choose from:
EG 2308 Strength of Materials
EG 2309 Fluid Mechanics

9/2004
(Note: All students must meet Basic Information Proficiency through testing or taking CS 1101, 1102 and 1103)