

ST. MARY'S UNIVERSITY - DEPARTMENT OF ENGINEERING  
 BACHELOR OF SCIENCE  
ELECTRICAL ENGINEERING

Name \_\_\_\_\_ Phone ( ) \_\_\_\_\_  
 (Last) (First)  
 Address \_\_\_\_\_ Date of Entrance \_\_\_\_\_

**FIRST YEAR COURSES**

Fall	Hrs	Spring	Hrs
EG 1101 Intro to Computer/Elect Engr I	1	EG 1102 Intro to Computer/Electr Engr II	1
EG 1301 Engineering Graphics	3	EN 2355 Literature	3
EG 1302 Programming for Engineers	3	MT 2413 Univariate Calculus II	4
EN 1311 Rhetoric & Composition	3	PL 1310 Philosophy I	3
FA 1101 Introduction to Fine Arts (Music)	1	PY 2404 Electricity & Magnetism	4
MT 2412 Univariate Calculus I	4	SE 1341 Fundamentals of Oral Communication	3
PY 1404 Mechanics & Heat	4		

**SECOND YEAR COURSES**

FA 1101 Intro to Fine Arts (Music)	1	EG 2152 Circuit Analysis Lab (W)	1
CH 1401 General Chemistry I	4	EG 2353 Circuit Analysis II	3
EG 2141 Logic Design Lab (W)	1	FA 1102 Intro to Fine Arts (Drama)	1
EG 2307 Engineering Mechanics	3	FA 1103 Introduction to Fine Arts (Art)	1
EG 2341 Logic Design	3	MT 3315 Adv Math for Electrical Engineers	3
EG 2352 Circuit Analysis I	3	PL 2336 Foundational Ethics for Engineers	3
MT 3311 Differential Equations	3	TH 2301 Fundamentals of Theology	3
		Social Science	3

**THIRD YEAR COURSES**

EG 3156 Electronics I Lab (W)	1	EG 3157 Electronics II Lab (W)	1
EG 3356 Electronics I	3	EG 3357 Electronics II	3
EG 3363 Microprocessors I	3	EG 3364 Microprocessors II	3
EG 3372 Signals & Systems	3	EG 3366 Electromagnetic Theory	3
EG 4360 Energy Conversion	3	EG 4160 Energy Conversion Lab (W)	1
MT 4331 Probability & Statistics	3	EG 4369 Control Systems	3
		TH 33xx Theological Themes	3

**FOURTH YEAR COURSES**

EG 4330 Quality Control & Reliability	3	EG 3334 Engineering Economy	3
EG 4362 Senior Design Project I	3	EG 3368 Semiconductor Devices	3
EG 4366 Advanced Electronics Design	3	EG 4166 Adv Elect Design Lab I (W)	1
EN 3300 Advanced Composition	3	EG 4363 Senior Design Project II	3
PO 2300 High Tech & Society	3	EG 4370 Communication Theory	3
PL Advanced Philosophy	3	Social Science II	3

**Total Semester Hours: 139 – 9/2004**

*(Notes: All students must meet Basic Information Proficiency through testing or taking CS 1101, 1102 and 1103)*