

Department of Electrical and Computer Engineering

Program Layouts

<u>Electrical Engineering</u>	<u>Computer Engineering</u>	<u>Electrical & Biomedical Engineering</u>
Intro to Electrical Engineering	Intro to Electrical Engineering	Intro to Electrical Engineering
Principles of Programming	Principles of Programming	Principles of Programming
Logic Design	Logic Design	Logic Design
Engineering Math	Engineering Math	Engineering Math
Complementary Elective	Complementary Elective	Cellular & Molecular Biology
Circuits and Systems	Circuits and Systems	Circuits and Systems
Electronic Devices & Circuits	Electronic Devices & Circuits	Electronic Devices & Circuits
Data Structures, Algo & Math	Data Structures, Algo & Math	Data Structures, Algo & Math
Electromagnetics	Electromagnetics	Introductory Chemistry
Electronic Devices & Circuits	Electronic Devices & Circuits	Electronic Devices & Circuits
Signals & Systems	Signals & Systems	Signals & Systems
Communication Systems	Communication Systems	Electromagnetics
Control Systems	Control Systems	Control Systems
Probability & Random Processes	Probability & Random Processes	Structures of Biological Materials
Economics for Engineers	Economics for Engineers	Economics for Engineers
Advanced Electromagnetics	Digital Systems Design	Organic Chemistry
Complementary Elective	Software Development	Anatomy & Physiology
Energy Conversion	Computer Aided Engineering	Statistical Analysis
Microprocessor Systems	Computer Organization	Cellular Bioelectricity
		MicroProcessor Systems
7 Electives	3 Electives	3 Electives
Eng & Social Responsibility	Eng & Social Responsibility	Eng & Social Responsibility
Group Project Course	Group Project Course	Group Project Course
Computer Aided Engineering	Computer Architecture	Digital Signal Processing
	Embedded Systems	Modeling of Biological Systems
	Computer Communications Networks	Biomedical Instrumentation
	Advanced Internet Communications	Communication Systems
		Medical Image Processing