Requirements Effective March 2012 COMPLETED _____ DATE _____

COMPUTER ENGINEERING

_____	_____	_____	B.S.E.
NAME	I.D.#	Expected Grad Date	Degree

General Education Requirements

has	needs	
	3	THEO 101 Christian Formation
	3	BLIT 202 Christian Scriptures I
	3	BLIT 303 Christian Scriptures II
	3	THEO 404 Christian Faith
	3-4	ENGL 108 or 109 College Writing I
	3	COMM 105 Fundamentals of Communication
	3	FINA 101 Intro to Fine Arts
	3	HIST 200 Western Civilization
	3	LIT 205 Studies in Literature
	3	Select from: ECON 110, PSCI 101, PSCI 223, PSYC 101, SOCY 120
	3-8	Elementary I, II Foreign Language or approved International Culture courses _____
	3-4	BIOL 201 General Biological Science OR BIOL 125 Biology I _____
	3	PHED 126 Nutrition or PHED 190 Wellness

Major: 53 hours

has	needs	
	4	CSIS 251 Principles of Programming I
	3	CSIS 252 Principles of Programming II
	4	CSIS 326 Network Administration and Theory
	4	CSIS 366 Computer Organization and Design
	3	CSIS 381 Systems Programming
	3	CSIS 457 Software Engineering
	3	CSIS 453 Design Patterns or approved 400-level CSIS course _____
	3	ENGN 101 Engineering Design I
	3	ENGN 102 Engineering Design II
	3	ENGN 270 Digital Systems
	3	ENGN 300 Electric Circuit Analysis
	3	ENGN 310 Circuits and Signal Processing
	3	ENGN 335 Technical Comm. & Exper. Design
	3	ENGN 340 Digital Electronics
	2	ENGN 481 Senior Design Project I
	2	ENGN 482 Senior Design Project II

Plus 4 hours selected from:

	4	ENGN 311 Communication Systems
	4	ENGN 346 Analog Electronics

Required Supporting Courses:

	4	MATH 147 Calculus I
	4	MATH 148 Calculus II
	4	MATH 241 Statistics
	4	MATH 261 Calculus III
	3	MATH 357 Differential Equations
	5	PHYS 201 General Physics I
	5	PHYS 202 General Physics II

Plus

	3	MATH 311 Discrete Mathematics OR
	6	MATH 351 Linear Algebra AND MATH 354 Numerical Analysis

Recommended Supporting Courses:

	3	ENGN 250 Engineering Economics
	4	CSIS 245 Database and Information Systems