

**B.S. in Electrical Engineering and Peace Engineering Minor
Plan of Study- Peace Engineering Program**

	Fall	Spring	Summer/ J-Term
Year 1	ENGR 150 Introduction to Engineering (LAB) ↔		
	MATH 113 Calculus I	MATH 114 Calculus II	THEO 101 The Christian Theological Tradition
	ENGR 230 Digital Design ↔	CISC 130 Introduction to Programming and Problem Solving in the Sciences (LAB) (or CISC 131)	PHIL 115 Philosophy of the Human Person
	ENGL 121 Critical Thinking: Literature & Writing	PHYS 211 Classical Physics I	
	Foreign Language 111*	Foreign Language 112*	
Year 2	PHYS 212 Classical Physics II (LAB)	THEO 2XX or 3XX	PHIL 214 Introductory Ethics
	MATH 200 Multi-Variable Calculus ↔	MATH 210 Introduction to Differential Equations and Systems	
	JPST 250 Introduction to Justice and Peace Studies **	PHYS 225 Modern Physics***	
	Foreign Language 211*	ENGL 20X Texts in Conversation	
Year 3	ENGR 340 Signals & Systems ***	ENGR 331 Applications of Microprocessors ***	Significant Experience
	ENGR 345 Electronics I ***	ENGR 346 Electronics II***	THEO 421 Theologies of Justice and Peace
	JPST 3XX Focus Class	ENGR 410 Control Systems & Automation	
	ENGR XXX Elective ****	ENGR XXX Engineering Elective	
Year 4	ENGR 480 Engineering Design Clinic I	ENGR 481 Engineering Design Clinic II	Fine Arts Elective
	JSPT 473 Vocational Seminar (0 cr.) ↔		
	ENGR 341 Electricity & Magnetism ***	ENGR 342 Electromagnetic Fields & Waves ***	
	ENGR XXX Elective ****	ENGR XXX Elective ****	
	ENGR XXX Elective ****	HIST 1XX	

* May place out of one or more semesters if proficient at 3rd Level

** Satisfies human diversity requirement

*** Only offered in semester indicated.

**** Four Technical Electives required from 1 or more tracks

↔ denotes that the two courses can be interchanged