

- CODE

= Prerequisite
- CODE

= Corequisite
- Mechanical
- Energy & Electrical
- Math & Sciences
- Computing
- Languages & General
- Mechatronics
- Industrial

First Year	1	MATH101 Calculus I	PHYS103 Physics I	CHEM103 General Chemistry I		CS116 Computing Fundamentals	ENGL1001 Upper-Intermediate English		GERL101 German I
	2	MATH102 Calculus II	PHYS104 Physics II	ARB100 Arabic		CS1160 Computing Fundamentals Lab	ME0111 Computer Aided Engineering Drawing	ENGL1002 Advanced English	GERL102 German II
Second Year	1	MATH203 Applied Mathematics for Engineers	EE2101 Electrical Circuits	MATH205 Differential Equations	PHYS106 General Physics Lab	IE0281 Technical Writing and Engineering Ethics	NE101 National Education		GERL201 German III
	2	EE2105 Electronics	EE2104 Frequency and System Response	EE2107 Computer Aided Mathematics for EE	EE2102 Electrical Circuits Lab	EE2103 Linear Algebra	CE212 Digital Systems		GERL202 German IV
Third Year	1	EE3101 Random Variables and Stochastic Processes	EE3102 Electromagnetics	EE3201 Electrical Power and Machines	EE3401 Communication Systems and IoT Protocols	EE3105 Embedded Systems			GERL301 German V
	2	EE2106 Electronics Lab	EE3203 Power Electronics	EE3202 Electrical Power and Machines Lab	EE3402 Communication Systems and IoT Protocols Lab	EE3103 Modeling and Simulation of Electrical and Energy Systems	EE3403 Digital Communications	EE3104 Artificial Intelligence in Electrical and Energy Systems	EE3901 Field Training
Fourth Year	1	GY Elective I	GY Elective II	GY Elective III	GY Elective IV				
	2	EE4901 International Internship GY							
Fifth Year	1	EE5101 Control Systems	EE5202 Power System Generation, Transmission & Distribution	EE5401 Wireless and Mobile Communications	EE5403 Digital & Communication Electronics		IE0361 Engineering Economics	University Elective II	EE5901 Graduation Project I
	2	EE5203 Power Systems Lab	EE3404 Digital Communications Lab	EE5402 Wireless and Mobile Communication Lab	EE5404 Quantum Communication and Computing	EE5405 Satellite and Optical Communications	IE0141 Engineering Workshop	MILS100 Military Science	EE5902 Graduation Project II