

SEMESTER 1-2	FALL	CHES001 Chemistry for Engineers 2 3 1 2 0	GENS004 Proficiency and Capacity Building 1 1 1 0 0	PHYS002 Electricity and Magnetism 3 5 2 0 3	PHYS001 Mechanical Properties of Matter and Thermodynamics 3 5 2 0 3	EMCS001 Engineering Mechanics - Dynamics 3 4 2 2 0	INTS005 Information Technology 2 4 1 0 3	MTHS002 Calculus 1 3 4 2 2 0	GENS001 Critical and Creative Thinking 2 2 2 0 0	
	19 CREDIT HOURS 28 CONTACT HOURS									
SEMESTER 3-4	FALL	MTHS102 Linear Algebra and Multivariable Integrals 3 4 2 2 0	MTHS003 Calculus 2 3 4 2 2 0	EMCS002 Engineering Mechanics - Statics 2 3 1 2 0	INTS001 Engineering Graphics 3 5 2 0 3	INTS125 Introduction to Mechanical Engineering 3 5 2 0 3	E-A (GENS005) Elective E-A (Writing and Presentation Skills) 2 2 2 0 0			
	19 CREDIT HOURS 28 CONTACT HOURS									
SEMESTER 5-6	FALL	CMPS103 Data Structures & Algorithms 3 5 2 0 3	MEPS219 Mechanical Power Engineering 3 5 2 0 3	EEES280 Engineering Seminar 1 1 1 0 0	EPES200 Basic Laboratory 2 4 1 0 3	MTHS204 Advanced Probability and Statistics 3 4 2 2 0	EECS203 Signal Analysis 3 5 2 0 3	EPES203 Electromagnetic Fields 3 4 2 2 0	GENS120 Fundamentals of Economics and Accounting 2 2 2 0 0	EEES281 Industrial Training-1 1 0 0 0 0
	19 CREDIT HOURS 28 CONTACT HOURS									
SEMESTER 7-8	FALL	EPES302 Power Systems Analysis 3 4 2 2 0	EPES308 Digital Control Systems 3 5 2 0 3	EPES40X Elective Course (1) A1/B1 3 4 2 0 2	EPES40X Elective Course (2) A1/B1 3 4 2 0 2	EPES40X Elective Course (3) A1/B1 3 4 2 0 2	EPES4XX Elective Course (1) A2/B2 3 4 2 0 2	110 CRH + AA APPROVAL EEES481 Graduation Project (1) 0 0 3		
	19 CREDIT HOURS 28 CONTACT HOURS									
SEMESTER 3-4	SPRING	EECS112 Circuits-2 3 5 2 0 3	EECS101 Electronics-1: Basic Electronic Circuits 3 4 2 2 0	EPES200 Basic Laboratory 2 4 1 0 3	MTHS204 Advanced Probability and Statistics 3 4 2 2 0	EECS203 Signal Analysis 3 5 2 0 3	EPES203 Electromagnetic Fields 3 4 2 2 0	GENS120 Fundamentals of Economics and Accounting 2 2 2 0 0	EEES281 Industrial Training-1 1 0 0 0 0	
	19 CREDIT HOURS 28 CONTACT HOURS									
SEMESTER 5-6	SPRING	EPES311 Microprocessors Electric Energy Applications 4 6 3 0 3	EECS306 Communications-1: Analogue Communications 3 5 2 0 3	MTHS114 Numerical Analysis 3 4 2 2 0	EPES306 Power Electronics (1) 3 4 2 0 2	EPES308 Automatic Control Systems 3 4 2 0 2	EPES304 Electrical Machines-2 3 5 2 0 3	EPES281 + AA EEES381 Industrial Training-2 2 0 0 0 0		
	19 CREDIT HOURS 28 CONTACT HOURS									
SEMESTER 7-8	SPRING	E-A (GENS110) Elective E-A (Fundamental of Management, Risk and Environment) 2 2 2 0 0	EPES4XX Elective Course (2) A2/B2 3 4 2 0 2	EPES4XX Elective Course (3) A2/B2 3 4 2 0 2	EPES4XX Elective Course (4) A2/B2 3 4 2 0 2	EPES4XX Elective Course (5) A2/B2 3 4 2 0 2	EEES482 Graduation Project (2) 3 7 1 0 6	GENS3XX Elective Course UR 2 2 2 0 0		
	19 CREDIT HOURS 27 CONTACT HOURS									

155	223	28
CREDITS	CONTACTS	ELECTIVES

SWL is calculated according to TOR 2022.

A Relaxed Plan for Below-Average Students can be applied on all Specialised Programs allowing students to graduate in 10 semesters

COURSE MAP LEGEND	COURSE CODE
	COURSE NAME
	CR
	CNTC
	LEC
TUT(2)	
TUT(LAB/STUDI 3)	
UNIVERSITY REQ. (UR)	
FACULTY REQ. (FR)	
DISCIPLINE REQ. (DR)	
PROGRAM REQ. (PR)	
ELECTIVE =15%	
BASIC SCIENCE (BS)	