



Department of Electrical & Electronic Engineering Independent University, Bangladesh

Proposed Four-Year Plan for EEE

Year	Trimester	Course Code	Course Title	Cr. Hrs	Total Cr. Hrs
1	Trimester -1	ENG 101	Listening and Speaking Skills	3	12
		MAT 111	Mathematics - I	3	
		PHY 111	Physics -I	3	
		HUM/SOC-1	Any one from Humanities/ Social Science Groups	3	
	Trimester-2	ENG 102	Listening and Speaking Skills	3	14
		MAT 121	Probability & Statistics for Science & Engineering	3	
		PHY 121	Physics -II	3	
		PHY 121L	Physics Lab	1	
		CSC 121	Introduction to Computer Programming	3	
		CSC 121L	Computer Programming Lab	1	
	Trimester-3	ENG 105	Business English	3	12
		MAT 131	Mathematics - II	3	
EEE 131		Electrical Circuit-I	3		
EEE 132		Introduction to Materials & Chemistry	3		
2	Trimester-1	HUM/SOC-2	Any one from Humanities/ Social Science Groups	3	13
		HUM/SOC-3	Any one from Humanities/ Social Science Groups	3	
		MAT 213	Mathematics-III	3	
		EEE 211	Electrical Circuit-II	3	
		EEE 211L	Electrical Circuit Lab	1	
	Trimester-2	HUM/SOC-4	Any one from Humanities/ Social Science Groups	3	13
		MAT 221	Mathematics-IV	3	
		EEE 221	Electronics-I	3	
		EEE 222L	Electrical and Electronic Circuits Simulation Lab	1	
	Trimester-3	EEE 223	Mechanical Engineering Fundamentals	3	14
		EEE 231	Signals and Systems	3	
		EEE 232	Digital Logic Design	3	
		EEE 232L	Digital Logic Design Lab	1	
		EEE 233	Energy Conversion-I	3	
		EEE 234	Electronics-II	3	
	3	Trimester-1	EEE 234L	Electronics Lab	1
ETE 311			Communication Engineering-I	3	
EEE 312			Energy Conversion-II	3	
EEE 312L			Energy Conversion Lab	1	
EEE 313			Electromagnetic Fields and Waves	3	
EEE 314L			Numerical Technique Lab	1	
EEE 315L			Electrical and Electronic Project Lab	1	
EEE 316L	Engineering Drawing and Electrical Services Design Lab	1			
3	Trimester-2	EEE 316L	Engineering Drawing and Electrical Services Design Lab	1	15
		EEE 321	Digital Signal Processing	3	
		EEE 321L	Digital Signal Processing Lab	1	
		ETE 322	Communication Engineering-II	3	
		ETE 322L	Communication Engineering Lab	1	
		EEE 323	Microprocessor and Interfacing	3	
		EEE 323L	Microprocessor and Interfacing Lab	1	
	LFE	Live-in-Field Experience	3		
	Trimester-3	ETE 331	Computer Networks	3	14
		ETE 331L	Computer Networks Lab	1	
		EEE 332	Power Electronics and Drives	3	
		EEE 332L	Power Electronics and Drives Lab	1	
		EEE 333	Power System-I	3	
		EEE 334	Embedded Systems	3	
EEE 334L		Embedded Systems Lab	1		
4	Trimester-1	EEE 411	Control Systems	3	14
		EEE 411L	Control Systems Lab	1	
		EEE 419	Power System-II	3	
		EEE 419L	Power System Lab	1	
		Optional-1	Anyone from Concentration (Optional) Group	3	
		Optional-2	Anyone from Concentration (Optional) Group	3	
	Trimester-2	EEE 422	Ethics, Engineering Economics and Management	3	10
		EEE 423L	Sensor and Instrumentation Lab	1	
		Optional-3	Anyone from Concentration (Optional) Group	3	
		EEE 498 / Optional-4	Sr. Project / Optional-4 (For Internship Student)	3	
	Trimester-3	EEE 498 / EEE 497	Sr. Project (contd.) / Internship	3	3