



Department of Electrical & Electronic Engineering Independent University, Bangladesh

Pre-Requisite Courses for UG EEE & ETE Programs

Course ID	Course Title	Pre-Requisite
ECR101	Introduction to Electrical Engineering	PHY101
ECR205	Digital Circuits	ECR101
ECR206	Circuits and Systems	ECR101, MAT251
ECR207	Electronics I	ECR206
ECR209	Microprocessors & Interfacing	ECR205, ECR207
ECR301	Telecom System-I	MAT305, ECR207
ECR305	Introduction to Digital Signal Processing	ECR301
ECR407	Electronics II	ECR207
ECR433	Engineering Economics & Finance	MAT305
EEE303/ETE409	Electrical Energy	ECR206, MAT303
EEE304/ETE309	Electromagnetic Theory & Applications	ECR301
EEE308/ETE424	System and Control	MAT305, ECR407
EEE413	Solid State Electronics	ECR407
EEE402	Power Transmission and Distribution	EEE303
ETE303/EEE401	Telecom Network I/Computer Network	ECR301
ETE406/EEE406	Telecom System II	ECR301
ETE304	Telecom Network II	ETE303
ETE403	Network Management	ETE303
EEE403	Electrical Energy Systems	EEE303
EEE404/ETE404	Optical Communication	EEE304/ETE309
EEE415/ETE415	RF Engineering	EEE304/ETE309
EEE416/ETE416	Microwave Engineering	EEE304/ETE309
EEE418/ETE418	Embedded Systems	ECR209, ECR407
EEE431/ETE431	Microelectronics	ECR407
EEE435	Robotics	ECR209
EEE450/ETE450	VLSI Design and Testing	ECR209, ECR407
EEE490/ETE490	Special Topics in EEE/ Special Topics in ETE	At least 80 Credit hours should be completed before taking this course.