

**Offered Course(s) of Fall-2022**

Faculty of Science and Technology

Department of Electrical and Electronic Engineering

Program: B.Sc. in Electrical and Electronic Engineering

Degree Name: Bachelor of Science in Electrical and Electronic Engineering

Year : **First** Semester : **Second**

SL	Course Code	Title	Credit	Pre-Requisite
1	CE-1226	Civil Engineering Drawing	0.75	
2	Chem-1235	Chemistry	3.00	
3	Chem-1236	Chemistry Sessional	0.75	
4	EEE-1201	Electrical Circuits-I	3.00	
5	EEE-1202	Electrical Circuits-I Sessional	1.50	
6	Hum-1241	Functional English Language and Human Communication	3.00	
7	Hum-1243	Functional Bengali Language	2.00	
8	Math-1231	Engineering Mathematics-I	3.00	
9	Phy-1233	Physics-I	3.00	
10	Phy-1234	Physics-I Sessional	0.75	
Theory : 17    Sessional : 3.75    Thesis/Project : 0			20.75	

Year : **Second** Semester : **First**

SL	Course Code	Title	Credit	Pre-Requisite
1	CSE-2122	Computer Programming Sessional	1.50	
2	EEE-2101	Electrical Circuits-II	3.00	
3	EEE-2102	Electrical Circuits-II Sessional	0.75	
4	EEE-2103	Electronic Devices and Circuits-I	3.00	
5	EEE-2104	Electronic Devices and Circuits-I Sessional	1.50	
6	Math-2131	Engineering Mathematics-II	3.00	
7	ME-2123	Basic Mechanical Engineering	3.00	
8	ME-2124	Basic Mechanical Engineering Sessional	0.75	
9	Phy-2133	Physics-II	3.00	
10	Phy-2134	Physics-II Sessional	0.75	
Theory : 15    Sessional : 5.25    Thesis/Project : 0			20.25	

Year : **Second** Semester : **Second**

SL	Course Code	Title	Credit	Pre-Requisite
1	CSE-2222	Advanced Computer Programming Sessional	1.50	
2	EEE-2203	Electronic Devices and Circuits-II	3.00	
3	EEE-2204	Electronic Devices and Circuits-II Sessional	0.75	
4	EEE-2205	Electrical Machines-I	3.00	
5	EEE-2206	Electrical Machines-I Sessional	0.75	
6	EEE-2211	Electromagnetic Waves and Field	3.00	
7	EEE-2215	Signal and System	3.00	
8	Hum-2241	History of the Emergence of Bangladesh	3.00	
9	Math-2231	Engineering Mathematics-III	3.00	
Theory : 18    Sessional : 3    Thesis/Project : 0			21.00	

Year : **Third** Semester : **First**

SL	Course Code	Title	Credit	Pre-Requisite
1	EEE-3101	Electrical and Electronic Measurements	3.00	
2	EEE-3102	Electrical and Electronic Measurements Sessional	0.75	
3	EEE-3103	Electronic Devices and Circuits-III	3.00	
4	EEE-3105	Electrical Machines-II	3.00	
5	EEE-3106	Electrical Machines-II Sessional	0.75	
6	EEE-3113	Digital Electronics and Logic Design	3.00	
7	EEE-3114	Digital Electronics and Logic Design Sessional	1.50	
8	EEE-3122	Simulation Laboratory	1.50	
9	Math-3131	Engineering Mathematics-IV	3.00	
Theory : 15    Sessional : 4.5    Thesis/Project : 0			19.50	