

**Department of Electrical and Electronic Engineering
Uttara University**

Offered Courses for Fall-2016

Only for Evening Batches

(Only for the students with diploma degree in Electrical Engineering, Electronic Engineering, Telecommunication Engineering and Computer Engineering)

23rd Evening Batch

Level-1, Term-1, Semester-1st

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	HUM 101	Basic English	3	3	×	
2	CSE 101	Computer Programming	3	3	×	
3	CSE 102	Computer Programming Lab	1.5	3	CSE 101	
4	HUM 105	Bangladesh Studies	3	3	×	
5	MATH 101	Differential & Integral Calculus	3	3	×	
6	HUM 203	Economics	3	3	MATH 101	
Total =			16.5	18	Fall-2016	

22nd Evening Batch

Level-1, Term-2, Semester-2nd

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	HUM 103	Composition & Communication Skills	3	3	HUM 101	
2	MATH 103	Differential Equations & Special functions	3	3	MATH 101	
3	PHY 103	Physics-II	3	3	PHY 101	PHY 101 is waived
4	EEE 101	Electrical Circuits-I	3	3	×	
5	EEE 102	Electrical Circuits-I Lab	1.5	3	EEE 101	
6	HUM 205	Financial and Managerial Accounting	3	3	×	
Total =			16.5	18	Fall-2016	

21st Evening Batch

Level-1, Term-3, Semester-3rd

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	MATH 105	Linear Algebra & Mathematical Transformations	3	3	MATH 103	
2	HUM 105	Bangladesh Studies	3	3	×	
3	EEE 201	Electronics-I	3	3	EEE 103	
4	EEE 202	Electronics-I Lab	1.5	3	EEE 201	
5	HUM 203	Economics	3	3	MATH 101	
Total =			13.5	15	Fall-2016	

20 th Evening Batch						
Level-2 , Term-1 , Semester-4th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	MATH 201	Vector Geometry and Complex Variables	3	3	MATH 105	
2	EEE 203	Electronics-II	3	3	EEE 201	
3	EEE 204	Electronics-II Lab	1.5	3	EEE 203	
4	EEE 205	Energy Conversion-I	3	3	PHY 103, EEE 103	
5	EEE 206	Energy Conversion-I Lab	1.5	3	EEE 205	
6	EEE 212	Electronic Circuit Simulation Laboratory	1.5	3	EEE 201, EEE 103	
Total =			13.5	18	Fall-2016	

19 th Evening Batch						
Level-2 , Term-2 , Semester-5th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	MATH 203	Probability and Statistics	3	3	MATH 201	
2	HUM 207	Professional Ethics	3	3	×	
3	EEE 207	Digital Electronics	3	3	EEE 201	
4	EEE 208	Digital Electronics Lab	1.5	3	EEE 207	
5	EEE 209	Energy Conversion-II	3	3	EEE 205	
6	EEE 210	Energy Conversion-II Lab	1.5	3	EEE 209	
7	EEE 211	Electromagnetic Fields & Waves	3	3	PHY 101, MATH 201	
Total =			18	21	Fall-2016	

18 th Evening Batch						
Level-2 , Term-3 , Semester-6th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 351	Electrical Properties of Materials	3	3	EEE 201 PHY 101	
2	EEE 301	Signal & Systems	3	3	MATH-103, MATH-105, EEE-103	
3	EEE 303	Communication Theory	3	3	EEE 211	
4	EEE 304	Communication Theory Lab	1.5	3	EEE 303	
5	EEE 311	Microprocessor and Interfacing	3	3	EEE 207	
6	EEE 312	Microprocessor and Interfacing Lab	1.5	3	EEE 311	
Total =			15	18	Fall-2016	

17 th Evening Batch						
Level-3 , Term-1 , Semester-7th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Perquisite	Remarks
1	EEE 307	Semiconductor Devices	3	3	EEE 351	
2	EEE 371	Power Systems	3	3	×	
3	EEE 309	Digital Signal Processing	3	3	EEE 301	
4	EEE 310	Digital Signal Processing Lab	1.5	3	EEE 309	
5	EEE 373	Renewable Energy	3	3	×	
6	EEE 400	Project and Thesis (Research Methodology)	2	2	×	
Total =			15.5	17	Fall-2016	

16 th Evening Batch						
Level-3 , Term-2 , Semester-8th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Perquisite	Remarks
1	EEE 311	Microprocessor and Interfacing	3	3	EEE 207	
2	EEE 312	Microprocessor and Interfacing Lab	1.5	3	EEE 311	
3	EEE 313	VLSI Design	3	3	EEE-207, EEE-311	
4	EEE 314	VLSI Design Lab	1.5	3	EEE 313	
5	EEE 483	Transmission and Distribution	3	3	EEE-371	
6	EEE 471	Power Plant Engineering	3	3	×	
7	EEE 400	Project and Thesis	2	2	×	
Total =			17	20	Fall-2016	

Extra course for those students who want to complete 143 credits

8	EEE 333	Wireless and Mobile Communication	3	3	x	Optional
Total			20	23		

15 th Evening Batch						
Level-3 , Term-3 , Semester-9th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Perquisite	Remarks
1	EEE 483	Transmission and Distribution	3	3	EEE-371	
2	EEE465	Power Electronics	3	3	EEE 103 EEE 201	
3	EEE466	Power Electronics Lab	1.5	3	EEE465	
4	EEE 473	Power System Protection	3	3	EEE 483	EEE 483 is offered in same term
5	EEE 474	Power System Protection Lab	1.5	3	EEE 473	
6	EEE 400	Project and Thesis	3	3	×	
Total =			15	18	Fall-2016	