



Department of Electrical and Electronic Engineering
Uttara University

Offered Courses for Fall-2017

Only for Evening Batches

26th Evening Batch						
Level-1, Term-1, Semester-1st						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	MATH 101	Differential & Integral Calculus	3	3	×	
2	HUM 101	Basic English	3	3	×	
3	HUM 105	Bangladesh Studies	3	3	×	
4	HUM 203	Economics	3	3	MATH 101	
5	CSE 101	Computer Programming	3	3	×	
6	CSE 102	Computer Programming Lab	1.5	3	CSE 101	
Total =			16.5	18	Fall-2017	
Additional Course for (Others Diploma Background : Mechanical / Civil / Power / Ceramic / Automobile /.....)						
7	PHY 101	Physics-I	3	3	×	Others Diploma Background
Total for Others Diploma Background =			19.5	21		

25th Evening Batch						
Level-1, Term-2, Semester-2nd						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 101	Electrical Circuits-I	3	3	×	
2	EEE 102	Electrical Circuits-I Lab	1.5	3	EEE 101	
3	MATH 103	Differential Equations & Special functions	3	3	MATH 101	
4	HUM 103	Composition & Communication Skills	3	3	HUM 101	
5	HUM 205	Financial and Managerial Accounting	3	3	×	
6	PHY 103	Physics-II	3	3	PHY 101	PHY 101 is waived
Total =			16.5	18	Fall-2017	
Additional Course for (Others Diploma Background : Mechanical / Civil / Power / Ceramic / Automobile /.....)						
7	PHY104	Physics-II Lab	1.5	3	PHY 103	Others Diploma Background
Total for Others Diploma Background =			18	21		

24th Evening Batch						
Level-1, Term-3, Semester-3rd						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 103	Electrical Circuits-II	3	3	EEE 101	
2	EEE 104	Electrical Circuits-II Lab	1.5	3	EEE 103	
3	EEE 201	Electronics-I	3	3	EEE 103	
4	EEE 202	Electronics-I Lab	1.5	3	EEE 201	
5	MATH 105	Linear Algebra & Mathematical Transformations	3	3	MATH 103	
Total =			12	15	Fall-2017	

Additional Course for (Others Diploma Background : Mechanical / Civil / Power / Ceramic / Automobile /.....)

6	CHEM 101	Chemistry	3	3	×	Others Diploma Background
7	CHEM 102	Chemistry Lab	1.5	3	CHEM 101	Others Diploma Background
Total for Others Diploma Background =			16.5	21		

23rd Evening Batch						
Level-2, Term-1, Semester-4th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 203	Electronics-II	3	3	EEE 201	
2	EEE 204	Electronics-II Lab	1.5	3	EEE 203	
3	EEE 205	Energy Conversion-I	3	3	PHY 103, EEE 103	
4	EEE 206	Energy Conversion-I Lab	1.5	3	EEE 205	
5	EEE 212	Electronic Circuit Simulation Laboratory	1.5	3	EEE 201, EEE 103	
6	MATH 201	Vector Geometry and Complex Variables	3	3	MATH 105	
7	HUM 207	Professional Ethics	3	3	×	
Total =			16.5	21	Fall-2017	

22nd Evening Batch						
Level-2, Term-2, Semester-5th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 207	Digital Electronics	3	3	EEE 201	
2	EEE 208	Digital Electronics Lab	1.5	3	EEE 207	
3	EEE 209	Energy Conversion-II	3	3	EEE 205	
4	EEE 210	Energy Conversion-II Lab	1.5	3	EEE 209	
5	EEE 211	Electromagnetic Fields & Waves	3	3	PHY 101, MATH 201	
6	MATH 203	Probability & Statistics	3	3	MATH 201	
Total =			15	18	Fall-2017	

21st Evening Batch						
Level-2 , Term-3 , Semester-6th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 301	Signal & Systems	3	3	MATH 103 MATH 105 EEE 103	
2	EEE 303	Communication Theory	3	3	EEE 211	
3	EEE 304	Communication Theory Lab	1.5	3	EEE 303	
4	EEE 307	Semiconductor Devices	3	3	EEE 351	
5	EEE 351	Electrical Properties of Materials	3	3	EEE 201, PHY 101	
6	EEE 483	Transmission and Distribution	3	3	EEE-371	
7	ME 421	Mechanical Engineering Fundamentals (Core)	3	3	×	
Total =			19.5	21	Fall-2017	

20 th Evening Batch						
Level-3 , Term-1 , Semester-7th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 305	Control Systems	3	3	EEE 309	
2	EEE 306	Control Systems Lab	1.5	3	EEE 305	
3	EEE 309	Digital Signal Processing	3	3	EEE 301	
4	EEE 310	Digital Signal Processing Lab	1.5	3	EEE 309	
5	EEE 311	Microprocessor and Interfacing	3	3	EEE 207	
6	EEE 312	Microprocessor and Interfacing Lab	1.5	3	EEE 311	
7	EEE 400	Project and Thesis (Research Methodology)	6	3	×	
Total =			19.5	21	Fall-2017	

19 th Evening Batch						
Level-3 , Term-2 , Semester-8th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 305	Control Systems	3	3	EEE 309	
2	EEE 306	Control Systems Lab	1.5	3	EEE 305	
3	EEE 313	VLSI Design	3	3	EEE 207 EEE 311	
4	EEE 314	VLSI Design Lab	1.5	3	EEE 313	
5	EEE 465	Power Electronics	3	3	EEE 103, EEE 201	
6	EEE 466	Power Electronics Lab	1.5	3	EEE465	
7	EEE 400	Project and Thesis		2	Continue	
Total =			13.5	20	Fall-2017	

18 th Evening Batch						
Level-3 , Term-3 , Semester-9th						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Perquisite	Remarks
1	EEE 416	Electrical Services Design (Core)	2	3	EEE 103	
2	EEE 471	Power Plant Engineering	3	3	x	
3	EEE 473	Power System Protection	3	3	EEE 483	
4	EEE 474	Power System Protection Lab	1.5	3	EEE 473	
5	ME 421	Mechanical Engineering Fundamentals (Core)	3	3	×	
6	EEE 400	Project and Thesis	2	2	×	
Total =			14.5	17	Fall-2017	

Mixed Batch (Evening + Day)						
Students from any batch(Main / Mirpur) & Retake / Incomplete / Dropped students						
Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Perquisite	Remarks
1	EEE 333	Wireless and Mobile Communication	3	3		
2	EEE 371	Power systems	3	3		
3	EEE 373	Renewable Energy	3	3		
Total =			9	9	Fall-2017	

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