

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

**Offered Courses for Spring-2017**

**Only for Regular Students (main campus)**

**24th Regular Batch**

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

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Perquisite	Remarks
1	MATH 101	Differential and Integral Calculus	3	3	×	
2	HUM 101	Basic English	3	3	×	
3	CSE 101	Computer Programming	3	3	×	
4	CSE 102	Computer Programming Lab	1.5	3	CSE 101	
5	PHY 101	Physics-I	3	3	×	
<b>Total =</b>			<b>13.5</b>	<b>15</b>	<b>Spring-2017</b>	

**23<sup>rd</sup> Regular Batch**

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

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Perquisite	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	PHY 103	Physics-II	3	3	PHY 101	
5	PHY104	Physics-II Lab	1.5	3	PHY 103	
6	HUM 105	Bangladesh Studies	3	3	×	
7	HUM 203	Economics	3	3	MATH 101	
<b>Total =</b>			<b>18</b>	<b>21</b>	<b>Spring-2017</b>	

**22<sup>nd</sup> Regular Batch**

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

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Perquisite	Remarks
1	MATH 105	Linear Algebra & Mathematical Transformations	3	3	MATH 103	
2	HUM 105	Bangladesh Studies	3	3	×	
3	HUM 203	Economics	3	3	×	
4	HUM 205	Financial and Managerial Accounting	3	3	CHEM 101	
<b>Total =</b>			<b>12</b>	<b>12</b>	<b>Spring-2017</b>	

Only for Regular Students (main Campus)

**21<sup>st</sup> Regular Batch****Level-2, Term-1, Semester-4th**

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 201	Electronics-I	3	3	EEE 103	
2	EEE 202	Electronics-I Lab	1.5	3	EEE 201	
3	MATH 201	Vector Geometry and Complex Variables	3	3	MATH 105	
4	HUM 203	Economics	3	3	MATH 101	
5	HUM 205	Financial and Managerial Accounting	3	3	×	
<b>Total =</b>			<b>13.5</b>	<b>15</b>	<b>Spring-2017</b>	

**20<sup>th</sup> Regular Batch****Level-2, Term-2, Semester-5th**

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	MATH 203	Probability and Statistics	3	3	MATH 201	
6	HUM 207	Professional Ethics	3	3	×	
<b>Total =</b>			<b>15</b>	<b>18</b>	<b>Spring-2017</b>	

**19<sup>th</sup> Regular Batch****Level-2, Term-3, Semester-6th**

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	EEE 212	Electronic Circuit Simulation Laboratory	1.5	3	EEE 103, EEE 201	
<b>Total =</b>			<b>13.5</b>	<b>18</b>	<b>Spring-2017</b>	

**18<sup>th</sup> Regular Batch****Level-3, Term-1, Semester-7th**

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 209	Energy Conversion-II	3	3	EEE 205	
2	EEE 210	Energy Conversion-II Lab	1.5	3	EEE 209	
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	
<b>Total =</b>			<b>13.5</b>	<b>18</b>	<b>Spring-2017</b>	

**17<sup>th</sup> Regular Batch****Level-3 , Term-2 , Semester-8th**

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 309	Digital Signal Processing	3	3	EEE 301	
2	EEE 310	Digital Signal Processing Lab	1.5	3	EEE 309	
3	EEE 307	Semiconductor Devices	3	3	EEE 351	
4	EEE 416	Electrical Services Design	2	3	EEE 103	
5	EEE 483	Transmission and Distribution	3	3	EEE 371	
<b>Total =</b>			<b>12.5</b>	<b>15</b>	<b>Spring-2017</b>	

**16<sup>th</sup> Regular Batch****Level-3 , Term-3 , Semester-9th**

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 309	Digital Signal Processing	3	3	EEE 301	
2	EEE 310	Digital Signal Processing Lab	1.5	3	EEE 309	
3	EEE 307	Semiconductor Devices	3	3	EEE 351	
4	EEE 416	Electrical Services Design	2	3	EEE 103	
5	EEE 483	Transmission and Distribution	3	3	EEE 371	
<b>Total =</b>			<b>12.5</b>	<b>15</b>	<b>Spring-2017</b>	

**15<sup>th</sup> Regular Batch****Level-4 , Term-1 , Semester-10th**

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 471	Power Plant Engineering	3	3	x	
2	EEE 400	Project and Thesis (Research Methodology)	2	3	×	
<b>Total =</b>			<b>5</b>	<b>6</b>	<b>Spring-2017</b>	

**14<sup>th</sup> Regular Batch****Level-4 , Term-2 , Semester-11th**

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 333	Wireless and Mobile Communication	3	3	EEE 303	
2	EEE 400	Project and Thesis	2	2	×	
<b>Total =</b>			<b>5</b>	<b>5</b>	<b>Spring-2017</b>	

**13<sup>th</sup> Regular Batch****Level-4 , Term-3 , Semester-12th**

Sl. No.	Course Code	Course Title	Credits	Contact Hr.	Prerequisite	Remarks
1	EEE 211	Electromagnetic Fields & Waves	3	3	PHY 101, MATH 201	
2	EEE 303	Communication Theory	3	3	EEE 211	
3	EEE 304	Communication Theory Lab	1.5	3	EEE 303	
4	EEE 305	Control Systems	3	3	EEE 309	
5	EEE 306	Control Systems Lab	1.5	3	EEE 305	
6	EEE 307	Semiconductor Devices	3	3	EEE 351	
<b>Total =</b>			<b>15</b>	<b>18</b>	<b>Spring-2017</b>	