

European University of Bangladesh (EUB)

Courses to be offered for EEE Department

Semester: Fall-2020

Day Batch

1st Semester/25th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hours
1.	EEE-101	Electrical Circuits-I	3.0	3.0
2.	ENG-101	Foundation English	3.0	3.0
3.	CHM-101	Chemistry	3.0	3.0
4.	CHM-102	Chemistry Lab	1.5	2.0
5.	MTH-101	Differential and Integral Calculus	3.0	3.0
		Total :	13.5	14.0

2nd Semester/24th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hrs
1.	EEE-103	Electrical Circuits-II	3.0	3.0
2.	EEE-104	Electrical Circuits Lab	1.5	2.0
3.	PHY-101	Physics-I	3.0	3.0
4.	ENG-106	English Language-II : Oral and Written Communication	3.0	3.0
5.	MTH-103	Differential Equations	3.0	3.0
		Total :	13.5	14.0

3rd Semester/23th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hours
1.	ENG-106	English Language-II : Oral and Written Communication	3.0	3.0
2.	PHY-103	Physics-II	3.0	3.0
3.	PHY-104	Physics Lab	1.5	2.0
4.	MTH-201	Co-ordinate Geometry and Vector Analysis	3.0	3.0
5.	EEE-203	Electrical Machines-I	3.0	3.0
6.	EEE-204	Electrical Machines-I Lab	1.5	2.0
		Total:	15.0	16.0

4th Semester/22th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hour
1.	EEE-205	Electronics-II	3.0	3.0
2.	EEE-206	Electronics Lab	1.5	2.0
3.	EEE-209	Electrical Machines-II	3.0	3.0
4.	EEE-210	Electrical Machines-II Lab	1.5	2.0
5.	MTH-105	Linear Algebra and Complex Variable	3.0	3.0
6.	ME-201	Mechanical Engineering Fundamentals	3.0	3.0
		Total:	15.0	16.0

5th Semester/21th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hours
1.	EEE-302	Digital Logic Design	3.0	3.0
2.	CSE-101	Computer Fundamentals	3.0	3.0
3.	CSE-102	Computer Fundamentals Lab	1.5	2.0
4.	BBA-101	Business Communication	3.0	3.0
5.	MTH-203	Probability and Statistics	3.0	3.0
		Total :	13.5	14.0

6th Semester/20th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hrs
1.	CSE-203	Computer Programming	3.0	3.0
2.	CSE-204	Computer Programming Lab	1.5	2.0
3.	MTH-205	Numerical Methods and Fourier and	3.0	3.0
4.	BBA-313	Industrial Economics	3.0	3.0
5.	CE-100	Engineering Drawing	2.0	2.0
6.	EEE-303	Signals and Systems	3.0	3.0
		Total:	15.5	16.0

7th Semester/19th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hours
1.	EEE-305	Electromagnetic Fields and Waves	3.0	3.0
2.	EEE-309	Digital Signal Processing	3.0	3.0
3.	EEE-310	Digital Signal Processing Lab	1.5	2.0
4.	BBA-407	Industrial and Operational Management	3.0	3.0
5.	EEE-313	Electrical Engineering Materials	3.0	3.0
		Total :	13.5	14.0

8th Semester/18th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hours
1.	EEE-307	Microprocessor and Interfacing	3.0	3.0
2.	EEE-308	Microprocessor and Interfacing Lab	1.5	2.0
3.	EEE-207	Digital Electronics	3.0	3.0
4.	EEE-208	Digital Electronics Lab	1.5	2.0
5.	EEE-331	Power Electronics	3.0	3.0
6.	EEE-332	Power Electronics Lab	1.5	2.0
7.	GED-301	Professional Ethics	3.0	3.0
		Total :	16.5	18.0

9th Semester/17th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hours
1.	EEE-311	Communication Engineering	3.0	3.0
2.	EEE-312	Communication Engineering Lab	1.5	2.0
3.	EEE-445	Transmission and Distribution	3.0	3.0
4.	EEE-449	Power Plant Engineering	3.0	3.0
5.	EEE-473	Optical Fiber Communication	3.0	3.0
		Total:	13.5	14.0

10th Semester/16th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hours
1.	EEE-401	Control Systems	3.0	3.0
2.	EEE-402	Control Systems Lab	1.5	2.0
3.	EEE-447	Power Systems Engineering	3.0	3.0
4.	CSE-203	Computer Programming	3.0	3.0
5.	CSE-204	Computer Programming Lab	1.5	2.0
		Total:	12	13

11th Semester/15th Batch (Day)

Sl. No.	Course Code	Course Name	Credit	Credit Hours
1.	EEE-459	Optoelectronics	3.0	3.0
2.	EEE-315	Electrical Measurements and Instrumentation	3.0	3.0
3.	EEE-471	Wireless and Mobile Communication	3.0	3.0
4.	EEE-453	Power System Protection	3.0	3.0
		Total:	12.0	12.0

12th Semester/14th Batch (Day)

	Course Code	Course Name	Credit	Credit Hours
	EEE-498	Project/Internship/Thesis	6.0	6.0
		Total :	6.0	6.0

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