

Green University of Bangladesh

Program: B.Sc. in Electrical and Electronic Engineering

Self-Evaluation (Batch 182 to Batch 193)

Student Name:

Student ID:

Course Code	Course Title	Credit	Credits Passed	Grade obtained	Grade Points
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Language and General Education Courses (22.5 Credits with): Compulsory

EAP 009	English for Academic Purpose	0.0			
EAP 101	English for Academic Purposes I	3.0			
EAP 102	English for Academic Purposes II	3.0			
EAP 204	English Lab	1.5			
HUM 213	Bangladesh Studies: History of Independence	2.0			
HUM 211	Functional Bangali Language	2.0			
HUM 201/ HUM 207	Sociology/ Engineering Economics	3.0			
HUM 401	Financial and Managerial Accounting	3.0			
HUM 403	Professional Ethics and Environmental Protection	2.0			
HUM 405	Industrial Management	3.0			
PSD 400	Professional Life Skills Development	0.0			
				GPA:	

Mathematics (18 Credits): Compulsory

MATH 101	Differential and Integral Calculus	3.0			
MATH 103	Ordinary and Partial Differential Equations	3.0			
MATH 205	Linear Algebra and Complex Variable	3.0			
MATH 207	Coordinate Geometry and Vector Analysis	3.0			
MATH 209	Probability and Statistics	3.0			
MATH 301	Numerical Methods	3.0			
Total Number of Theory + Lab = 6+0				GPA:	

Basic Sciences (12 Credits): Compulsory

PHY 101	Physics I (Waves and Oscillations, Optics and Thermodynamics)	3.0			
PHY 103	Physics II (Electricity and Magnetism, Modern Physics and Mechanics)	3.0			
PHY 104	Physics Laboratory	1.5			
CHEM 101	Chemistry	3.0			
CHEM 102	Chemistry Laboratory	1.5			
Total Number of Theory + Lab = 3+2				GPA:	

EEE Core Courses (60 Credits): Compulsory

EEE 101	Electrical Circuits-I	3.0			
EEE 103	Electrical Circuits-II	3.0			
EEE 104	Electrical Circuits Lab	1.5			
EEE 201	Electronics-I	3.0			
EEE 203	Energy Conversion-I	3.0			

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EEE 205	Engineering Electromagnetics	3.0			
EEE 207	Energy Conversion-II	3.0			
EEE 208	Energy Conversion Lab	1.5			
EEE 209	Electronics-II	3.0			
EEE 214	Electronics Lab	1.5			
EEE 301	Continuous Signals and Linear Systems	3.0			
EEE 303	Digital Electronics	3.0			
EEE 304	Digital Electronics Lab	1.5			
EEE 305	Power Systems-I	3.0			
EEE 307	Communication Theory	3.0			
EEE 308	Communication Theory Lab	1.5			
EEE 309	Solid State Devices	3.0			
EEE 311	Digital Signal Processing I	3.0			
EEE 312	Digital Signal Processing I Lab	1.5			
EEE 302	Numerical Analysis Lab	1.5			
EEE 317	Microprocessors and Interfacing	3.0			
EEE 318	Microprocessors and Interfacing Lab	1.5			
EEE 401	Control Systems	3.0			
EEE 402	Control Systems Lab	1.5			
EEE 440	Engineering Drawing & Electrical Service Design	1.5			
Total Number of Theory + Lab = 15+10		GPA:			

Core Courses: Other Engineering (CSE + ME) (7.5 Credits): Compulsory

CSE 101	Computer Programming	3.0			
CSE 102	Computer Programming Laboratory	1.5			
ME 201	Mechanical Engineering Fundamentals	3.0			
Total Number of Theory + Lab = 2+1				GPA:	

Project/Thesis (6.0 Credits): Compulsory

EEE 400	Project/Thesis (EEE400A+EEE400B)	6.0			
				GPA:	

Technical Elective Courses: (Minimum Twelve (12) credits from major group and six (6) credits from minor group).

N.B.: There should be 3 theoretical and 2 Lab Courses from major group and 2 theoretical Courses from minor group.

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Group A (Communication)					
EEE 319	Random Signals and Processes	3			
EEE 325	Microwave Engineering	3			
EEE 326	Microwave Engineering lab	1.5			
EEE 407	Optical Fiber Communications	3			
EEE 415	Digital Signal Processing II	3			
EEE 423	Digital Communication	3			
EEE 424	Digital Communication Lab	1.5			
EEE 433	Mobile Cellular Communication	3			
EEE 441	Telecommunication Engineering	3			
EEE 451	Wireless Communication	3			
Group B (Electronics)					
EEE 321	Analog Integrated Circuits	3			
EEE 329	VLSI I	3			
EEE 330	VLSI I Lab	1.5			
EEE 409	Compound Semiconductor and Hetero Junction Device	3			
EEE 417	Semiconductor Processing and Fabrication Technology	3			
EEE 425	VLSI II	3			
EEE 426	VLSI II Lab	1.5			
EEE 435	Optoelectronics	3			
EEE 443	Semiconductor Device Theory	3			
EEE 453	Nanotechnology and Nano electronics	3			
EEE 455	Medical Electronics	3			
EEE 463	FPGA Based System Design	3			
EEE 465	Mechatronics and Industrial Automation	3			
EEE 481	Electrical Properties of Materials	3			
Group C (Power)					
EEE 323	Power System II	3			
EEE 327	Transmission and Distribution of Electrical Power	3			
EEE 333	Power Electronics	3			

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EEE 334	Power Electronics Lab	1.5			
EEE 411	Power Plant Engineering	3			
EEE 419	Energy Conversion-III	3			
EEE 427	Power System Protection	3			
EEE 428	Power System Protection Lab	1.5			
EEE 429	High Voltage Engineering	3			
EEE 430	High Voltage Engineering Lab	1.5			
EEE 437	Power system Reliability	3			
EEE 445	Power System Operation and Control	3			
EEE 457	Renewable Energy	3			
EEE 461	E-Waste and Carbon Footprint	3			

Group D (Computer)

EEE 331	Microprocessor System Design	3			
EEE 332	Microprocessor System Design Lab	1.5			
EEE 413	Real Time Computer System	3			
EEE 421	Multimedia Communications	3			
EEE 431	Computer Networks	3			
EEE 432	Computer Networks Lab	1.5			
EEE 439	Computer Architecture	3			
CSE 415	Cryptography and Network Security	3			
CSE 453	Cyber Security	3			

Total credits completed at Green University of Bangladesh:

CGPA:

Total credits waived by Green University of Bangladesh:

Total credits transferred from other institution(s):

Total credit requirement completed to obtain B.Sc. in EEE: 144.0

CGPA: 2.50

Checked by:

Approved by:

Program Coordinator

Department of EEE

Dr. Molla Shahadat Hossain Lipu

Chairperson, Department of EEE

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