

Green University of Bangladesh

Program: B.Sc. in Electrical and Electronic Engineering
Self-Evaluation Form Effective from 261 Onward Batch

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 Purposes	0.0			
PEL 102	Professional English Lab I	1.5			
PEL 202	Professional English Lab II	1.5			
HUM 2xx	HUM Elective I	3.0			
HUM 211	Functional Bangali Language	3.0			
PLSD 400	Professional Life Skills Development	1.5			
HUM 213	History of the Emergence of Bangladesh	3.0			
HUM 3xx	HUM Elective II	3.0			
HUM 407	Engineers in Society	2.0			
HUM 409	Entrepreneurship and Innovation in Engineering	2.0			
HUM 411	Industrial Management and Finance	2.0			
ESD 102	Communication and Self-Development	0.0			
ESD 104	Digital and AI Competency	0.0			
				GPA:	

HUM Elective I

HUM 201	Sociology	3.0			
HUM 207	Engineering Economics	3.0			

HUM Elective II

HUM 303	Financial and Managerial Accounting	3.0			
HUM 307	Bangladesh Studies	3.0			

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	3.0			
PHY 103	Physics II	3.0			
PHY 104	Physics Lab	1.5			
CHEM 101	Chemistry	3.0			
CHEM 102	Chemistry Lab	1.5			
Total Number of Theory + Lab = 3+2				GPA:	

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EEE Core Courses, Industrial Training, and Integrated Design Project (63 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			
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 System	3.0			
EEE 307	Communication Systems	3.0			
EEE 308	Communication Systems Lab	1.5			
EEE 309	Solid State Devices	3.0			
EEE 317	Microprocessor and Embedded System	3.0			
EEE 318	Microprocessor and Embedded System Lab	1.5			
EEE 335	Introduction to Digital Signal Processing	3.0			
EEE 336	Introduction to Digital Signal Processing Lab	1.5			
EEE 401	Control Systems	3.0			
EEE 402	Control Systems Lab	1.5			
EEE 422	Integrated Design Project	1.5			
EEE 406	Electrical Services Design	1.5			
EEE 450	Industrial Training	3.0			
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 Lab	1.5			
ME 201	Mechanical Engineering Fundamentals	3.0			

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Total Number of Theory + Lab = 2+1				GPA:	

Project/Thesis (6.0 Credits): Compulsory

EEE 400	Final Year Design Project (EEE400A+EEE400B+400C)	6.0			
				GPA:	

Technical Elective Courses: Out of 15 credits, 12 credits are to be taken from major group and 3 credits are to be taken from minor group.

Group A (Communication and signal Processing)					
EEE 319	Random Signals and Processes	3.0			
EEE 325	Microwave Engineering	3.0			
EEE 326	Microwave Engineering lab	1.5			
EEE 407	Optical Fiber Communications	3.0			
EEE 415	Digital Signal Processing II	3.0			
EEE 423	Digital Communication	3.0			
EEE 424	Digital Communication Lab	1.5			
EEE 433	Mobile Cellular Communication	3.0			
EEE 441	Telecommunication Engineering	3.0			
EEE 451	Wireless Communication	3.0			
EEE 449	Machine Learning	3.0			
EEE 459	Digital Image Processing	3.0			
EEE 467	Medical Imaging	3.0			

Group B (Electronics)					
EEE 321	Analog Integrated Circuits	3.0			
EEE 329	VLSI I	3.0			
EEE 330	VLSI I Lab	1.5			
EEE 409	Compound Semiconductor and Hetero Junction Device	3.0			
EEE 417	Semiconductor Processing and Fabrication Technology	3.0			
EEE 425	VLSI II	3.0			
EEE 426	VLSI II Lab	1.5			

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EEE 435	Optoelectronics	3.0			
EEE 443	Semiconductor Device Theory	3.0			
EEE 453	Nanotechnology and Nano electronics	3.0			
EEE 455	Medical Electronics	3.0			
EEE 463	FPGA Based System Design	3.0			
EEE 465	Mechatronics and Industrial Automation	3.0			

Group C (Power)

EEE 323	Economic Operation and Stability Analysis of Power System	3.0			
EEE 327	Transmission and Distribution of Electrical Power	3.0			
EEE 333	Power Electronics	3.0			
EEE 334	Power Electronics Lab	1.5			
EEE 411	Power Plant Engineering	3.0			
EEE 419	Energy Conversion-III	3.0			
EEE 427	Power System Protection and Automation	3.0			
EEE 428	Power System Protection and Automaton Lab	1.5			
EEE 429	High Voltage Engineering	3.0			
EEE 430	High Voltage Engineering Lab	1.5			
EEE 437	Power system Reliability	3.0			
EEE 445	Power System Operation and Control	3.0			
EEE 457	Renewable Energy System	3.0			
EEE 461	E-Waste and Carbon Footprint	3.0			
EEE 469	Smart Grid	3.0			

Group D (Computer)

EEE 331	Microprocessor System Design	3.0			
EEE 332	Microprocessor System Design Lab	1.5			
EEE 413	Real Time Computer System	3.0			
EEE 421	Multimedia Communications	3.0			
EEE 431	Computer Networks	3.0			

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EEE 432	Computer Networks Lab	1.5			
EEE 439	Computer Architecture	3.0			
EEE 471	Cryptography and Network Security	3.0			
EEE 473	Cyber Security	3.0			

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

Checked by:

Approved by:

Program Coordinator

Department of EEE

Dr. Md Hasan Maruf

Chairperson, Department of EEE