

Southern University Bangladesh
Department of Electrical & Electronic Engineering (EEE)
Bachelor in Electrical & Electronic Engineering (Morning)
Offer list for Fall- 2021

First Semester (1EE)

Mentor: Fahmida Sharmin Jui

Course Code	Course Title	Credit
HUM 1101	English Expository Writing	3
PHY 1101	Engineering Physics	4
PHY 1102	Engineering Physics Lab	1.5
MATH 1101	Calculus and Matrices	3
EEE 1101	Electrical Circuits I	3
EEE 1102	Electrical Circuits I Lab	1.5
CHEM 1101	Chemistry	3
CHEM 1102	Chemistry Lab	1.5
Semester Total		20.5

Second Semester (2EE)

Mentor: Fahmida Sharmin Jui

Course Code	Course Title	Credit
ME 1201	Mechanical Engineering Fundamentals	3
ME 1202	Mechanical Engineering Fundamentals Lab	0.75
MATH 1201	Differential Equations, Laplace and Fourier Transformation	3
CSE 1201	Computer Programming & Numerical Analysis	4
CSE 1202	Computer Programming & Numerical Analysis Lab	1.5
HUM 1201	Bangladesh Studies	3
EEE 1200	Electrical Service Design	1.5
EEE 1201	Electrical Circuits II	3
EEE 1202	Electrical Circuits II Lab	1.5
Semester Total		21.25

Third Semester (3EE)

Mentor: Hrishi Rakshit

Course Code	Course Title	Credit
MATH 2101	Geometry, Vector and Complex Analysis	3
CE 2100	Civil Drawing	0.75
EEE 2100	Electrical Circuit Simulation Lab	1.5
EEE 2101	Electronics I	3
EEE 2102	Electronics I Lab	1.5
EEE 2103	Electrical Machines I	3
EEE 2104	Electrical Machines I Lab	0.75
HUM 2102	Financial and Managerial Accounting	3
HUM 2101	Spoken English Sessional	3
Total		19.50

Fourth Semester (4EE)

Mentor: Hrishi Rakshit

Course Code	Course Title	Credit
MATH 2201	Engineering Statistics	3
EEE 2201	Electronics II	3
EEE 2202	Electronics II Lab	1.5
EEE 2203	Electromagnetic Fields and Waves	3
EEE 2205	Electrical Machines II	3
EEE 2206	Electrical Machines II Lab	1.5
EEE 2207	Signals and Linear Systems	3
Semester Total		18

Fifth Semester (5EE)

Mentor: Hadaate Ullah

Course Code	Course Title	Credit
EEE 3101	Digital Electronics and Logic Design	3
EEE 3102	Digital Electronics and Logic Design Lab	1.5
EEE 3105	Electrical Properties of Materials	2
EEE 3103	Electronic Communication	3
EEE 3104	Electronic Communication Lab	1.5
EEE 3107	Transmission and Distribution of Electrical Power	3
EEE 3109	Measurement and Instrumentation	3
Total		17

Sixth Semester (6EE)

Mentor: Md. Saiful Islam

Course Code	Course Title	Credit
EEE 3201	Digital Communication	3
EEE 3202	Digital Communication Lab	1.5
HUM 3201	Sociology and Engineering Ethics	3
EEE 3205	Digital Signal Processing	3
EEE 3206	Digital Signal Processing Lab	0.75
EEE 3207	Microprocessor and Assembly Language	3
EEE 3208	Microprocessor and Assembly Language Lab	0.75
EEE 3209	Microwave and Antenna Engineering	3
EEE 3210	Microwave and Antenna Engineering Lab	1.5
EEE 3211	Electronics and Machine Design	2
Semester Total		21.5

Ninth Semester (9EE)

Mentor: Md. Tarikul Islam

Course Code	Course Title	Credit
EEE 3301	Microprocessor and Assembly Language	3.00
EEE 3302	Microprocessor and Assembly Language Lab	1.50
EEE 4301	Power Electronics	3.00
EEE 4302	Power Electronics Lab	1.50
EEE 4103	VLSI Technology	3.00
EEE 4104	VLSI Technology Lab	1.50
EEE 4205	Power System Protection (Elective-I)	3.00
EEE 4206	Power System Protection Lab (Elective-I)	0.75
Total		17.25



Prof. Ashutosh Nath

Head

Dept. of EEE

Southern University Bangladesh
Department of Electrical & Electronic Engineering (EEE)
Bachelor in Electrical & Electronic Engineering for Diploma Holders
Offer list for Fall-2021 (Evening)

First Semester (1DEE)

Mentor: Md. Mainul Hasan

Course Code	Course Title	Credit
HUM 1101	English Expository Writing	3
MATH 1101	Calculus and Matrices	3
EEE 1101	Electrical Circuits I	3
EEE 1102	Electrical Circuits I Lab	1.5
CSE 1201	Computer Programming and Numerical Analysis	4
CSE 1202	Computer Programming and Numerical Analysis Lab	1.5
HUM 3201	Sociology and Engineering Ethics	3
Total		19

Second Semester (2DEE)

Mentor: Md. Sarwar Uddin Chowdhury

Course Code	Course Title	Credit
ME 1201	Mechanical Engineering Fundamentals	3
ME 1202	Mechanical Engineering Fundamentals Lab	0.75
MATH 1201	Differential Equations, Laplace and Fourier Transformation	3
EEE 1200	Electrical Service Design	1.5
EEE 1201	Electrical Circuits II	3
EEE 1202	Electrical Circuits II Lab	1.5
HUM 2101	Spoken English Sessional	3
ME 2100	Mechanical Drawing	0.75
CE 2100	Civil Drawing	0.75
EEE 2101	Electronics I	3
EEE 2102	Electronics I Lab	1.5
Total		21.75

Third Semester (3DEE)

Mentor: Md. Liakat Ali

Course Code	Course Title	Credit
MATH 2101	Geometry, Vector & Complex Analysis	3
EEE 2100	Electrical Circuit Simulation Lab	1.5
EEE 2201	Electronics II	3
EEE 2202	Electronics II Lab	1.5
EEE 2207	Signals and Linear Systems	3
EEE 2103	Electrical Machines I	3
EEE 2104	Electrical Machines I Lab	0.75
EEE 3105	Electrical Properties of Materials	2
Total		17.75

Fourth Semester (4DEE) (Batch-1)

Mentor: Md. Habib Ullah

Course Code	Course Title	Credit
MATH 2201	Engineering Statistics	3
EEE 2203	Electromagnetic Fields and Waves	3
EEE 3101	Digital Electronics and Logic Design	3
EEE 3102	Digital Electronics and Logic Design Lab	1.5
EEE 2205	Electrical Machines II	3
EEE 2206	Electrical Machines II Lab	1.5
EEE 3109	Measurement and Instrumentation	3
EEE 4105	Semiconductor Physics and Devices	3
Total		21

Fourth Semester (4DEE) (Batch-2)

Mentor: Susmita Sen

Course Code	Course Title	Credit
MATH 2201	Engineering Statistics	3
EEE 2203	Electromagnetic Fields and Waves	3
EEE 3101	Digital Electronics and Logic Design	3
EEE 3102	Digital Electronics and Logic Design Lab	1.5
EEE 2205	Electrical Machines II	3
EEE 2206	Electrical Machines II Lab	1.5
EEE 3109	Measurement and Instrumentation	3
EEE 4105	Semiconductor Physics and Devices	3
Total		21

Fifth Semester (5DEE)

Mentor: Syed Munimus Salam

Course Code	Course Title	Credit
EEE 3103	Electronic Communication	3
EEE 3104	Electronic Communication Lab	1.5
EEE 3107	Transmission and Distribution of Electrical Power	3
EEE 3211	Electronics and Machine design	2
EEE 3209	Microwave and Antenna Engineering	3
EEE 3210	Microwave and Antenna Engineering Lab	1.5
EEE 4221	Power System Protection (Elective-I)	3.00
EEE 4222	Power System Protection Lab (Elective-I)	0.75
Total		17.75

Sixth Semester (6DEE)

Mentor: Md. Iftekher Uddin

Course Code	Course Title	Credit
EEE 3201	Digital Communication	3
EEE 3202	Digital Communication Lab	1.5
EEE 3205	Digital Signal Processing	3
EEE 3206	Digital Signal Processing Lab	0.75
EEE 3207	Microprocessor and Assembly Language	3
EEE 3208	Microprocessor and Assembly Language Lab	0.75
EEE 4203	Power Plant Engineering	3
EEE 4205	Optical Fiber Communication (Elective II)	3
EEE 4206	Optical Fiber Communication Lab (Elective II)	0.75
EEE 4200	Project/Thesis (Part I)	1
EEE 4201	Renewable Energy Systems	3
Semester Total		22.75

Seventh Semester (7DEE)

Mentor: Kazi Samira

Course Code	Course Title	Credit
MATH 2301	Engineering Statistics	3.00
EEE 3305	Control Systems	3.00
EEE 3306	Control Systems Lab	1.50
EEE 4103	VLSI Technology	3.00
EEE 4104	VLSI Technology Lab	1.50
EEE 4105	Power Plant Engineering	3.00
EEE 4106	Power Plant Engineering Lab	0.75
EEE 4205	Power System Protection (Elective-I)	3.00
EEE 4206	Power System Protection Lab (Elective-I)	0.75
EEE 4303	Optical Fiber Communication (Elective II)	3.00
EEE 4304	Optical Fiber Communication Lab (Elective II)	0.75
Total		23.25

Eighth Semester (8DEE)

Mentor: Farhana Hossain

Course Code	Course Title	Credit
EEE 3305	Control Systems	3.00
EEE 3306	Control Systems Lab	1.50
EEE 4105	Power Plant Engineering	3.00
EEE 4106	Power Plant Engineering Lab	0.75
EEE 4205	Power System Protection (Elective-I)	3.00
EEE 4206	Power System Protection Lab (Elective-I)	0.75
EEE 4303	Optical Fiber Communication (Elective II)	3.00
EEE 4304	Optical Fiber Communication Lab (Elective II)	0.75
Total		15.75



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