

Southern University Bangladesh
Department of Electronics & Communication Engineering(ECE)
Course Offer list Fall-2021 (for Diploma Holders)

First Semester (1DEC)

Mentor : Md. Mainul Hasan

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

Third Semester (3DEC)

Mentor : Md. Liakat Ali

Course Code	Course Title	Credit
MATH 2101	Geometry, Vector & Complex Analysis	3
ECE 2100	Electrical Circuit Simulation Lab	1.5
ECE 2201	Electronics II	3
ECE 2202	Electronics II Lab	1.5
ECE 2207	Signals and Linear Systems	3
ECE 2103	Fundamentals of Electrical Machines	4
ECE 2104	Fundamentals of Electrical Machines Lab	0.75
HUM 2101	Spoken English Sessional	3
Total		19.75

Fourth Semester (4DEC)

Mentor : Hrishi Rakshit

Course Code	Course Title	Credit
MATH 2201	Engineering Statistics	3
ECE 2203	Electromagnetic Fields and Waves	3
ECE 3101	Digital Electronics and Logic Design	3
ECE 3102	Digital Electronics and Logic Design Lab	1.5
ECE 2205	Information theory & Error Coding	3
ECE 2206	Information theory & Error Coding Lab	0.75
ECE 3109	Measurement and Instrumentation	3
ECE 4105	Semiconductor Physics and Devices	3
Total		20.25

Fifth Semester (5DEC)

Mentor : Hrishi Rakshit

Course Code	Course Title	Credit
ECE 3103	Electronic Communication	3
ECE 3104	Electronic Communication Lab	1.5
ECE 3201	Digital Communication	3
ECE 3202	Digital Communication Lab	1.5
ECE 3209	Microwave and Antenna Engineering	3
ECE 3210	Microwave and Antenna Engineering Lab	1.5
ECE 3207	Microprocessor and Assembly Language	3
ECE 3208	Microprocessor and Assembly Language Lab	0.75
ECE 4103	Telecommunication Networks and Switching	3
EEE 4104	Telecommunication Networks and Switching Lab	0.75
Total		21

Head
Hrishi Rakshit
Assistant Professor
Dept. of ECE, SUB

Southern University Bangladesh
Department of Electronics & Communication Engineering(ECE)
Course Offer list Fall-2021
(for Higher Secondary School Certificate holders)

First Semester (1EC)

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	Engineering Mathematics I:Calculus and Matrices	3
ECE 1101	Electrical Circuits I	3
ECE 1102	Electrical Circuits I Lab	1.5
CSE 1201	Computer Programming & Numerical Analysis	4
CSE 1202	Computer Programming & Numerical Analysis Lab	1.5
Total		21.50

Head
Hrishi Rakshit
Assistant Professor
Dept. of ECE, SUB