

Daffodil International University
Department of Electrical and Electronic Engineering
Course Offer - Fall'25

Level-Term	Batch	Course Code	Course Title	Credit	Total Credits
L1-T1	253	0713-111	Electrical Circuits I	3	18
		0613-122	Programming I	1	
		0533-111	Physics	3	
		0533-112	Physics Laboratory	1	
		0541-111	Differential and Integral Calculus	3	
		0531-111	Chemistry	3	
		0531-112	Chemistry Laboratory	1	
		0541-211	Coordinate Geometry and Vector Analysis	3	
L1-T2	251	0713-121	Electrical Circuits II	3	17
		0713-122	Electrical Circuits Laboratory	1	
		0715-121	Basic Mechanical Engineering	3	
		0231-112	Professional English I	1	
		0613-122	Programming I	1	
		0541-121	Linear Algebra and Complex Variable	3	
		0541-123	Ordinary and Partial Differential Equation	3	
		0222-111	Emergence of Bangladesh	2	
L2-T1	243	0714-211	Electronics I	3	19
		0713-213	Energy Conversion I	3	
		0713-215	Electrical Properties of Materials	3	
		0714-217	Continuous Signals and Linear Systems	3	
		0231-122	Professional English II	1	
		0714-225	Electromagnetic Fields and Waves	3	
		0223-121	Art of Living & Engineering Ethics	3	
L2-T2	241	0714-221	Electronics II	3	19
		0714-222	Electronics Laboratory	1	
		0713-223	Energy Conversion II	3	
		0713-224	Energy Conversion Laboratory	1	
		0714-311	Communication Engineering	3	
		0714-312	Communication Engineering Laboratory	1	
		0713-227	Transmission and Distribution of Electrical Power	3	
		0613-222	Programming II	1	
		0542-221	Probability and Statistics	3	
L3-T1	233	0231-212	Professional English III	1	18
		0714-313	Digital Signal Processing	3	
		0714-314	Digital Signal Processing Laboratory	1	
		0713-315	Power System Analysis	3	
		0713-316	Power System Analysis Laboratory	1	
		0714-323	Digital Electronics	3	
		0714-324	Digital Electronics Laboratory	1	
		0031-421	Employability	3	
		0222-111	Emergence of Bangladesh	2	

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L3-T2	231	0709-311	Engineering Economics and Accounting	2	19.
		0421-311	Industrial Laws and Management	2	
		0713- 431	Power System Protection [Elective I-Major/Minor]	3	
		0713- 432	Power System Protection Laboratory [Elective I Laboratory-Major/Minor]	1	
		0713-325	Measurement and Instrumentation	3	
		0714-327	Power Electronics	3	
		0714-328	Power Electronics Laboratory	1	
		0713-320	Engineering Drawing and Services Design Laboratory	1	
		0709-321	Project Management and Finance	3	
L4-T1	223	0714-411	Microprocessor and Interfacing	3	18
		0714-412	Microprocessor and Interfacing Laboratory	1	
		0714-321	Control Systems	3	
		0714-322	Control Systems Laboratory	1	
		0713- 441/ 0714-451	Energy Economics/ Solid State Devices [Elective II (Major/Minor)]	3	
		0714-475	Machine Learning and Artificial Neural Network [Elective II (Minor)]	3	
		0788-414	Industrial Automation and Robotics	1	
		0719-410	Industrial Training	1	
		0719-400	Capstone Project (Phase-1)	2	
L4-T2	221	ENG 422	Professional English III	1	16
		EEE 421	Energy Economics	3	
		EEE 424	Electrical and Electronic Appliances Laboratory	1	
		EEE 426	Industrial Automation and Robotics	1	
		EEE 451	VLSI Circuits	3	
		EEE 452	VLSI Circuits Laboratory	1	
		EEE 495	Machine Learning and Artificial Neural Network	3	
		EEE 400	Capstone Project (Phase-2)	3	

Sutapa Debnath
22.07.2025

(Sutapa Debnath)
Coordinator, Course Offer Committee
& Senior Lecturer, Dept. of EEE

22/7

(Md. Dara Abdus Satter)
Head, Dept. of EEE