

Daffodil International University
Department of Electrical and Electronic Engineering
Course Offer - Spring 24

Level-Term	Batch	Course Code	Course Title	Credit	Total Credit
L1-T1	241	0713-111	Electrical Circuits I	3	19
		0232-111	Functional Bengali Language	2	
		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	233	0713-121	Electrical Circuits II	3	19
		0713-122	Electrical Circuits Laboratory	1	
		0713-124	Circuit Simulation 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	
		0223-121	Art of Living and Engineering Ethics	3	
L2-T1	231	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	
		0541-213	Numerical Methods	3	
L2-T2	223	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	221	CSE 312	Programming II	1	20
		EEE 311	Communication Engineering I	3	
		EEE 313	Microprocessor and Interfacing	3	
		EEE 314	Microprocessor and Interfacing Laboratory	1	
		EEE 315	Power System analysis	3	
		EEE 316	Power System analysis Laboratory	1	
		EEE 317	Control Systems	3	
		EEE 318	Control Systems Laboratory	1	
		EEE 319	Electromagnetic Fields and Waves	3	
		EEE 300	Industrial Training	1	

L3-T2	213	EEE 321	Communication Engineering II	3	18
		EEE 322	Communication Engineering Laboratory	1	
		EEE 323	Digital Signal Processing	3	
		EEE 324	Digital Signal Processing Laboratory	1	
		EEE 325	Measurement and Instrumentation	3	
		EEE 326	Measurement and Instrumentation Laboratory	1	
		EEE 327	Power System Protection	3	
		EEE 328	Power System Protection Laboratory	1	
		HUM 321	Engineering Ethics and Environmental Protection	2	
L4-T1	211	EEE 411	Power Electronics	3	19
		EEE 412	Power Electronics Laboratory	1	
		IPE 411	Industrial Management	2	
		HUM 412	Employability 360o	1	
		EEE 433	Renewable Energy	3	
		EEE 434	Renewable Energy Laboratory	1	
		EEE 439	Power Plant Engineering	3	
		EEE 473	Optical Fiber Communication	3	
		EEE 400	Capstone Project (Phase-1)	2	
L4-T2	203	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 474	Optical Fiber Communication Laboratory	1	
		EEE 485	Data Communication and Computer Networks	3	
		EEE 400	Capstone Project (Phase-2)	3	