

Electrical Engineering Courses:

Course No.	Course Title	Credits
1810101	Mathematics for Engineers I	3
1810106	Mathematics for Engineers II	3
1810201	Mathematics for Engineers III	3
1810210	Complex Analysis and Engineering Transforms	3
1810213	Probability and Engineering Statistics	2
1810309	Numerical Engineering Analysis	2
1810102	Physics	3
1810114	Physics Lab	1
1810050	Quality Control	3
1810211	Engineering Design and Drawing	2
1810212	Engineering Materials	3
1810113	Thermodynamics	2
1810105	Engineering Workshop and Safety	2
1810109	Electronics I	2
1810202	Digital Logic Systems	3

1810203	Digital Logic Systems Lab	1
1810206	Electronics II	2
1810207	Electronics Lab	1
1810208	Instrumentation & Measurement	3
1810209	Instrumentation & Measurement Lab	1
1810302	Electromagnetic Theory	3
1810303	Microprocessors and Microcontrollers	3
1810304	Microprocessors and Microcontrollers Lab	1
1810305	Electrical Workshop II	2
1810310	Communication Systems	2
1810306	Embedded Systems	3
1800011	Entrepreneurship	2
1810307	Electronic Interfacing and PCB Prototyping Workshop	2
1810103	Fundamentals of Electrical Engineering I	3
1810104	Fundamentals of Electrical Engineering I Lab	1
1810107	Fundamentals of Electrical Engineering II	3
1810108	Fundamentals of Electrical Engineering II Lab	1
1810401	Electrical Installation and Standards Workshop	2

1810330	Control Systems I	3
1810320	Electric Power Generation	2
1810321	Electric Power Generation I	2
1810322	Electric Power Generation II	3
1810323	Electrical Machines	3
1810324	Electrical Machines Lab	1
1810111	Informatics I	3
1810112	Informatics I Lab	1
1810204	Informatics II	2
1810205	Informatics II Lab	1
1810325	Power Electronics	3
1810421	Electric Drive Engineering	3
1810422	Electric Drive Engineering Lab	1
1810301	Electrical Workshop I	2
1810423	Renewable Energy	3
1810424	Power Systems and Transmissions	3
1810420	Control and Automation Lab	1
1810425	Electric Power Lab	1

1810430	Power System Automation	3
1810431	Special Topic in Electrical Power Engineering	2
1810402	Introduction to Project	3
1810490	Project I	3
1810491	Project II	4
1810190	Practice I	3
1810191	Practice II	3
1810290	Practice III	3
1810291	Practice IV	3
1810390	Practice V	3
1810391	Practice VI	3