

Department of Electrical Engineering

Curriculum Requirements for Enrollees in the Academic Year 112 (Fall 2023)

[illegible]

22 Credits, 22 Hours					22 Credits, 22 Hours				
First Semester, Fourth Year					Second Semester, Fourth Year				
Course Category	Course Number	Course Name	Credits/Hours	Notes	Course Category	Course Number	Course Name	Credits/Hours	Notes
General Education	896205	Human Rights and the Rule of Law	2/2		General Education	805214	Citizenship and Modern Thoughts	2/2	
General Education	897B00	General Courses (II)	2/2		Major Required	805211	Originality Thinking Training	2/2	
Major Required	805237	Power Electronics	2/2		Major Required	805212	Introduction to Electro-Optical Engineering	2/2	
Major Required	805238	Electric Machine Control	2/2		Major Elective	805623	Photoelectric Conversion Engineering	2/2	
Major Elective	805613	Physic of Semiconductor	2/2		Major Elective	805625	System Protection and Coordination	2/2	
Major Elective	805616	Life-Career Counseling	2/2		Major Elective	805628	Application to Sensor and Transducers	2/2	
Major Elective	805617	Engineering Technology	2/2		Major Elective	805632	Optoelectronic Materials and Devices	2/2	
Major Elective	805618	Power Systems(II)	2/2		Major Elective	805633	Introduction to Smart Manufacturing	2/2	
Major Elective	805619	Energy Technology	2/2		Major Elective	805634	Electrical Engineering Practice	2/2	
Major Elective	805620	Distribution of electricity regulations	2/2		Major Elective	805635	Electrical Engineering Practice	2/2	
Major Elective	805643	Control System Design	2/2		Major Elective	805648	Introduction to Power Quality	2/2	
Major Elective	805644	Industrial distribution and Practice	2/2		Major Elective	805649	Introduction to Electric Vehicle Charging Systems	2/2	
Major Elective	805645	Introduction to Electromagnetics	2/2		Major Elective	805650	Electric Machine Control	2/2	
Major Elective	805646	Electronic circuits	2/2		Major Elective	805651	Installation of Solar Power Generation Systems	2/2	
Major Elective	805647	Introduction to electric vehicles	2/2		Major Elective	805652	RenewableElectricity	2/2	
					Major Elective	805654	Electric Power Monitoring Automation	2/2	
30 Credits, 30 Hours					32 Credits, 32 Hours				