

Curriculum Requirements for Enrollees in the Academic Year 113 (Fall 2024)

[illegible]

20 Credits, 20 Hours					20 Credits, 20 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
Major Required	805227	Semiconductor and optoelectronic manufacturing equipment	3/3		Major Required	805230	Introduction to Electro-optics Engineering	3/3	
Major Required	805239	Control System	3/3		Major Required	805246	Power conversion design and Lab.	3/3	
Major Required	805245	Power electronics	3/3		Major Elective	805705	Industrial Wiring Practice	3/3	
Major Elective	805703	Distribution Circuit Design	3/3		Major Elective	805706	Digital System Design	3/3	
Major Elective	805704	Computer Program	2/2	Computer Course	Major Elective	805864	Thin Film Engineering and Lab	3/3	
Major Elective	805834	Electric Machine Control	3/3		Major Elective	805869	Engineering Economics	2/2	
Major Elective	805856	Vacuum Technique	3/3		Major Elective	805883	System Protections and Coordinations	2/2	
Major Elective	805876	Renewable Electricity	2/2		Major Elective	805884	PC-based Programming Design Practice	2/2	Computer Course
Major Elective	805877	Power Systems(二)	3/3		Major Elective	805887	Electrical Supervisory and Control Automation	3/3	
Major Elective	805878	Supervisory Control System and Practice	2/2		Major Elective	805888	Solar Photovoltaic Installation	3/3	
Major Elective	805881	(Solid-State Electronics)	3/3		Major Elective	805889	Numerical Analysis	3/3	
Major Elective	805890	Application to Sensor and Transducers	2/2		Major Elective	805893	Energy Technology	3/3	
32 Credits, 32 Hours					33 Credits, 33 Hours				