

Department of Electrical Engineering

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

Program	Two-year junior college program of the Division of Continuing Education								
Group	None								
Class Type	Regular Class								
Special Program	None								
Curriculum Committee	Department Curriculum		113.05.17						
	College Curriculum		113.05.23						
	University Curriculum		113.06.03						
	Academic Affairs		113.06.03						
Graduation Credits /Study Duration	At least 80 credits required (normally 2 years).								
Credit Load per Semester	Students enrolled in two-year continuing education programs must take no fewer than 9 credits and no more than 28 credits per semester.								
Required and Elective	Credits		Subject Category		Credits				
Required	48 Credits		General Education		8 Credits				
			Major Required		40 Credits				
			College Major		0 Credits				
Elective	32 Credits		General Education		0 Credits				
			Major Elective		32 Credits				
Other Regulations									
Remarks	"Computer Course" means computer access is required (computer and internet usage fee).								
First Semester, First Year					Second Semester, First Year				
Course Category	Course Number	Course Name	Credits/Hours	Notes	Course Category	Course Number	Course Name	Credits/Hours	Notes
General Education	696I05	Music Survey	2/2		General Education	696H05	Literary Appreciation	2/2	
General Education	692905	Everyday English	2/2		General Education	696J05	legal literacy	2/2	
Major Required	605445	Electronics Circuit and Practice	3/3		Major Required	605207	Electric Circuit(1)	3/3	
Major Required	605451	Introduction to Computer	3/3	Computer Course	Major Required	605221	Electronics(1)	3/3	
Major Required	605452	Calculus	2/2		Major Required	605454	Power Systems	2/2	
Major Required	605453	Logic Design and Practice	3/3		Major Elective	605723	Computer Software Application	3/3	
Major Elective	605721	Industrial Electronics	3/3		Major Elective	605724	Industrial instruments and Lab.	3/3	
Major Elective	605848	Introduction to Electrical Engineerin	3/3		Major Elective	605725	Simulation of electronics circuit	2/2	Computer Course
Major Elective	605866	Industrial Safety	2/2		Major Elective	605853	Energy-saving photoelectric technology	3/3	
23 Credits, 23 Hours					23 Credits, 23 Hours				

First Semester, Second Year					Second Semester, Second Year				
Course Category	Course Number	Course Name	Credits/Hours	Notes	Course Category	Course Number	Course Name	Credits/Hours	Notes
Major Required	605222	Electronics(2)	3/3		Major Required	605235	Electric Machinery	3/3	
Major Required	605436	Electric Circuits (II)	2/2		Major Required	605449	Electrical Machinery Lab.	2/2	
Major Required	605447	Electronics Lab.	2/2		Major Required	605456	Industrial Wiring internship	3/3	
Major Required	605455	Industrial Wiring	3/3		Major Required	605457	Graphical Programming Language	3/3	Computer Course
Major Elective	605726	Program Design	3/3	Computer Course	Major Elective	605727	Mechatronics Practice	3/3	
Major Elective	605855	Semiconductor Technology	3/3		Major Elective	605728	Electrical Code	2/2	
Major Elective	605856	Programmable Logic Controller and Applications	2/2		Major Elective	605729	Materials and Elements of Fiber-Optics	3/3	
Major Elective	605857	Green Energy	2/2		Major Elective	605846	Photometrics	3/3	
Major Elective	605858	Energy Management	2/2		Major Elective	605847	Electrical Machinery Protection	2/2	Computer Course
Major Elective	605860	Computer-aided Graph Design for Electrician	3/3	Computer Course	Major Elective	605863	Electricity Generating and Transforming Engineering	2/2	
25 Credits, 25 Hours					26 Credits, 26 Hours				