

Department of Electrical Engineering

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

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		112.04.21						
	College Curriculum		112.05.17						
	University Curriculum		112.05.29						
	Academic Affairs		112.05.29						
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	605016	Calculus(1)	2/2		Major Required	605017	Calculus(2)	2/2	
Major Required	605445	Electronics Circuit and Practice	3/3		Major Required	605207	Electric Circuit(1)	3/3	
Major Required	605446	Logic Design and Practice	3/3		Major Required	605221	Electronics(1)	3/3	
Major Required	605027	Computational Thinking and Creative Programming	3/3	Computer Course	Major Elective	605851	Power Systems	3/3	
Major Elective	605848	Introduction to Electrical Engineerin	3/3		Major Elective	605852	Project Management	3/3	
Major Elective	605849	Electrical Instrument	3/3		Major Elective	605853	Energy-saving photoelectric technology	3/3	
Major Elective	605866	Industrial Safety	2/2		Major Elective	605854	Introduction to Computer	2/2	Computer Course
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	605214	Engineering Mathematics	3/3		Major Required	605235	Electric Machinery	3/3	
Major Required	605222	Electronics(2)	3/3		Major Required	605448	Programming Language	3/3	Computer Course
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	605450	Optoelectronic Materials and Devices	3/3	
Major Elective	605855	Semiconductor Technology	3/3		Major Elective	605846	Photometrics	3/3	
Major Elective	605856	Programmable Logic Controller and Applications	2/2		Major Elective	605847	Electrical Machinery Protection	2/2	Computer Course
Major Elective	605857	Green Energy	2/2		Major Elective	605862	Mechatronics Practice	2/2	
Major Elective	605858	Energy Management	2/2		Major Elective	605863	Electricity Generating and Transforming Engineering	2/2	
Major Elective	605859	Industrial distribution	3/3		Major Elective	605864	Industrial Electronics	2/2	
Major Elective	605860	Computer-aided Graph Design for Electrician	3/3	Computer Course	Major Elective	605865	Electronic Circuit Simulation	3/3	
Major Elective	605861	Graphical Programming Language	3/3						
28 Credits, 28 Hours					25 Credits, 25 Hours				