

Department of Electrical Engineering

Curriculum Requirements for Enrollees in the Academic Year 111 (Fall 2022)

Program	Four-year technical college program of the Day Division								
Group	None								
Class Type	Dual-Track Training Flagship Program								
Special Program	None								
Curriculum Committee	Department Curriculum								
	College Curriculum								
	University Curriculum								
	Academic Affairs								
Graduation Credits /Study Duration	At least 128 credits required (normally 4 years).								
Credit Load per Semester	Students in Grades 1 and 2 must take no fewer than 16 credits and no more than 28 credits per semester. Students in Grades 3 and 4 must take no fewer than 9 credits and no more than 25 credits per semester.								
Required and Elective	Credits		Subject Category			Credits			
Required	62 Credits		General Education			0 Credits			
			Major Required			62 Credits			
			College Major			0 Credits			
Elective	66 Credits		General Education			6 Credits			
			Major Elective			60 Credits			
Other Regulations									
Remarks	"Computer Course" means computer access is required (computer and internet usage fee).								
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	405H03	Factory Practices(3)	5/5		General Education	405H12	InterpersonalRelation andCommunication	2/2	
Major Required	405H22	Industrial Wiring internship	3/3		Major Required	405H04	Shop Praticice(4)	5/5	
Major Required	405H23	Electronics	3/3		Major Required	405H25	Programming Logic Control and Lab.	3/3	
Major Required	405H24	Electronics Lab.	3/3		Major Required	405H26	Computer Graphics on Electrical Engineering	3/3	Computer Course
Major Elective	405H13	Logic and Thinking	2/2		Major Required	405H27	Elementals of Sensor and Converter	3/3	
16 Credits, 16 Hours					16 Credits, 16 Hours				
First Semester, Third Year					Second Semester, Third Year				
Course Category	Course Number	Course Name	Credits/Hours	Notes	Course Category	Course Number	Course Name	Credits/Hours	Notes

Major Required	405H05	Factory Practices(5)	5/5		General Education	405H14	SportandPhysicalfitne SS	2/2	
Major Required	405H28	Electrical Machinery	3/3		Major Required	405H06	FactoryPractices(6)	5/5	
Major Required	405H29	PLC practical application	3/3		Major Required	405H30	ProgrammingLanguage	2/2	Compu ter Course
Major Required	405H41	Electrical Machinery Lab.	3/3		Major Elective	405H43	ControlSystem	2/2	
Major Elective	405H42	Distribution of electricity regulations	2/2		Major Elective	405H44	ControlSystemLab	3/3	
					Major Elective	405H45	CreativeTraining	2/2	
16 Credits, 16 Hours					16 Credits, 16 Hours				
First Semester, Fourth Year					Second Semester, Fourth Year				
Course Category	Course Number	Course Name	Credit s/ Hours	Notes	Course Category	Course Number	Course Name	Credit s/ Hours	Notes
General Education	405H15	Occupationalsafetyand health	2/2		Major Required	405H08	FactoryPractices(8)	5/5	
Major Required	405H07	FactoryPractices(7)	5/5		Major Elective	405H47	Industrial Power Distribution Design and Internship	3/3	
Major Required	405H32	MechatronicsIntegrati onPractice	3/3		Major Elective	405H48	IntroductiontoGreenEn ergyTechnology	3/3	
Major Elective	405H31	Single- ChipApplicationandLab .	3/3		Major Elective	405H49	IntroductiontoElectro -opticsEngineering	2/2	
Major Elective	405H46	LogicDesignandLab.	3/3		Major Elective	405H50	SupervisoryControlSys temandPractice	3/3	
16 Credits, 16 Hours					16 Credits, 16 Hours				