

Department of Electronic Engineering

Curriculum Requirements for Enrollees in the Academic Year 115 (Fall 2026)

Program	Four-year technical college program of the Department for Division of Continuing								
Group	None								
Class Type	Industry - Academia Collaboration Program								
Special Program	None								
Curriculum Committee	Department Curriculum		115.04.23						
	College Curriculum		115.05.19						
	University Curriculum		115.06.01						
	Academic Affairs		115.06.01						
Graduation Credits /Study Duration	At least 128 credits required (normally 4 years).								
Credit Load per Semester	The minimum number of credits per semester is 9 credits.								
Required and Elective	Credits		Subject Category		Credits				
Required	84.00 Credits		General Education		9.00 Credits				
			Major Required		75.00 Credits				
			College Major		0.00 Credits				
Elective	44.00 Credits		General Education Liberal Arts Elective		8.00 Credits				
			Major Elective		36.00 Credits				
			College professional selective courses		0.00 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	996103	Chinese(1)	2/2		General Education	996203	Chinese(2)	2/2	
General Education	992103	English(1)	2/2		General Education	992203	English(2)	2/2	
Major Required	903A63	Introduction to Computer	3/3	Computer Course	General Education Liberal Arts Elective	903CZ1	Occupation Safety and Health	2/2	
Major Required	903A64	Electric Circuits	3/3		Major Required	903A66	Electronics	3/3	
Major Required	903B06	Calculus	2/2		Major Required	903B24	Shop Practice(2)	4/4	
Major Required	903B23	Factory Internship (1)	4/4		Major Required	903B73	Python Programming	3/3	Computer Course
16 Credits, 16 Hours					16 Credits, 16 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
General Education	903AZ3	Technological English	2/2		General Education	992503	English Conversation	1/1	
General Education	903BZ3	Job Situation Ethic and Culture	2/2		General Education	903DZ4	Health and Life	2/2	
Major Required	903B25	Factory Practices(3)	4/4		Major Required	903B26	Shop Prattice(4)	4/4	
Major Required	903B74		3/3		Major Required	903B77	Practice of Intelligent Control Application	3/3	
Major Required	903B75		2/2		Major Required	903B78	Integrated Circuit Logic Design and Practice	3/3	
Major Required	903B76		3/3		Major Required	903B93	Technology of Semiconductor Packing	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	903B27		4/4		Major Required	903B28	Shop Prattice(6)	4/4	
Major Required	903B41	Embedded System Overview	3/3		Major Required	903B81	Programmable control and internship	3/3	
Major Required	903B80	Passive Devices Processing	3/3		Major Required	903B98	Optoelectronic Display Devices	3/3	
Major Elective	903Q35	Introduction to Equipment Package	3/3		Major Elective	903P99	Smart Phone Programming	3/3	Computer Course
Major Elective	903P97		3/3		Major Elective	903Q15	Semiconductor Manufacturing Instruments	3/3	
16 Credits, 16 Hours					16 Credits, 16 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	903B29		4/4		Major Required	903B30	Shop Practice(8)	4/4	
Major Elective	903Q36	Advanced Packaging Process Technology	3/3		Major Elective	903Q37	Introduction to IC Packaging and Testing	3/3	
Major Elective	903P41		3/3		Major Elective	903P42		3/3	
Major Elective	903Q16	Artificial Intelligence	3/3		Major Elective	903P73	Practice of IoT Integrated Application	3/3	
Major Elective	903Q17		3/3		Major Elective	903P75	Computer-aided Drawing	3/3	Computer Course
16 Credits, 16 Hours					16 Credits, 16 Hours				