

Department of Mechanical Engineering

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

Program	Two-year technical college program of the Division of Continuing Education								
Group	None								
Class Type	On-Duty Military Base Program								
Special Program	None								
Curriculum Committee	Department Curriculum		115.04.09						
	College Curriculum		115.05.19						
	University Curriculum		115.06.01						
	Academic Affairs		115.06.01						
Graduation Credits /Study Duration	At least 72 credits required (normally 2 years).								
Credit Load per Semester	The minimum number of credits per semester is 9 credits.								
Required and Elective	Credits		Subject Category		Credits				
Required	44.00 Credits		General Education		8.00 Credits				
			Major Required		36.00 Credits				
			College Major		0.00 Credits				
Elective	28.00 Credits		General Education Liberal Arts Elective		4.00 Credits				
			Major Elective		24.00 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, Third Year					Second Semester, Third Year				
Course Category	Course Number	Course Name	Credits/ Hours	Notes	Course Category	Course Number	Course Name	Credits/ Hours	Notes
General Education	896104	Selective Readings of Chinese Literature	2/2		General Education	896204	Human Rights and the Rule of Law	2/2	
General Education	892104	Practical English	2/2		General Education	896304	The History of Development of Taiwan	2/2	
Major Required	804F03	Engineering Mathematics	2/2		Major Required	804F09	Fluidic Mechanics	2/2	
Major Required	804F05	Engineering Material	2/2		Major Required	804F21	Programming Language	2/2	
Major Required	804F08	Manufacturing Processes	2/2		Major Required	804F22	Principles of Electro-Motor and Application	2/2	
Major Required	804F17	Electrical Machinery	2/2		Major Required	804F23	Mechanics of Materials	2/2	
Major Required	804F18	Project Management	2/2		Major Required	804F24	Industrial Practical Training (2)	2/2	
Major Required	804F19	Industrial Electronics	2/2		Major Elective	804N18	Energy Technology.	2/2	
Major Required	804F20	Control System	2/2		Major Elective	804N19	Nano Engineering	2/2	
18 Credits, 18 Hours					18 Credits, 18 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
General Education	897A00	General Courses (I)	2/2		General Education	897B00	General Courses (II)	2/2	
Major Required	804F25	Electric Circuits	2/2		Major Required	804F29	Principle and Applications of Sensors	2/2	
Major Required	804F26	Engineering Automation	2/2		Major Required	804F30	Industrial Practical Training (4)	2/2	
Major Required	804F27	Thermodynamics	2/2		Major Elective	804N13	Application of Mechatronics	2/2	
Major Required	804F28	Industrial Practical Training (3)	2/2		Major Elective	804N15	Welding Engineering	2/2	
Major Elective	804N20	Semiconductor VLSL Process	2/2		Major Elective	804N25	Refrigeration and Air Conditioning	2/2	
Major Elective	804N21	Reverse Engineering	2/2		Major Elective	804N26	Principles and applications of robotic arms	2/2	
Major Elective	804N22	Fuel Cell Technology	2/2		Major Elective	804N27	Micro-Electro-Mechanical System	2/2	
Major Elective	804N23	Non-Destructive Inspection	2/2		Major Elective	804N28	energy storage system	2/2	
Major Elective	804N24	Non-traditional Manufacturing	2/2		Major Elective	804N29	The System of Internet of Things	2/2	
20 Credits, 20 Hours					20 Credits, 20 Hours				