

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	Regular Class								
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	39.00 Credits		General Education		4.00 Credits				
			Major Required		35.00 Credits				
			College Major		0.00 Credits				
Elective	33.00 Credits		General Education Liberal Arts Elective		0.00 Credits				
			Major Elective		33.00 Credits				
			College professional selective courses		0.00 Credits				
Other Regulations									
Remarks	"Computer Course" means computer access is required (computer and internet usage fee). Course Remark : 「T01」 : Digital Learning Courses (Distance Education) are offered as scheduled during the semester.								
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	892104	Practical English	2/2	T01	General Education	896104	Selective Readings of Chinese Literature	2/2	T01
Major Required	804F01	Dynamics	3/3		Major Required	804F04	Thermodynamics	2/2	
Major Required	804F02	Mechanics of Materials	3/3		Major Required	804F36	Engineering Statistics and Quality Control	2/2	
Major Required	804F03	Engineering Mathematics	2/2		Major Required	804F37	Fluid Mechanics	3/3	
Major Required	804F05	Engineering Material	2/2		Major Required	804F38	Precision Measurement and Inspection	3/3	
Major Required	804F14	Machine Manufacturing	3/3		Major Elective	804N01	Numerical Control Machine	3/3	
Major Required	804F15	Machine Design	3/3		Major Elective	804N33	Heat Treatment and Practice	3/3	
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
Major Required	804F10	Computer-Aided Engineering Manufacturing	3/3	Computer Course	Major Required	804F12	Engineering Automation and Practice	3/3	Computer Course
Major Required	804F11	Automatic Control	3/3		Major Elective	804N09	Introduction to Reverse Engineering and Practice	3/3	Computer Course
Major Elective	804N04	Computer-Aided Engineering Analysis	3/3	Computer Course	Major Elective	804N10	Micro-Machining	2/2	
Major Elective	804N06	Computer Aided Design	3/3	Computer Course	Major Elective	804N11	Introduction of micro-mechatronic manufacturing	2/2	
Major Elective	804N07	Pneumatic and Hydraulic Control	3/3		Major Elective	804N12	Non-Destructive Inspection	2/2	
Major Elective	804N34	Introduction of CNC Machine Design	3/3		Major Elective	804N13	Application of Mechatronics	2/2	
					Major Elective	804N14	Technology of CNC Machine Design	2/2	
					Major Elective	804N15	Welding Engineering	2/2	
					Major Elective	804N16	Plastic Working	2/2	
18 Credits, 18 Hours					20 Credits, 20 Hours				