

Department of Industrial Engineering and Management

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

Program	Industry-Academia Collaboration Program for International Students								
Group	None								
Class Type	New Southbound International Industry - Academia Program								
Special Program	None								
Curriculum Committee	Department Curriculum			112.04.14					
	College Curriculum			112.05.17					
	University Curriculum			112.05.29					
	Academic Affairs			112.05.29					
Graduation Credits /Study Duration	At least 72 credits required (normally 2 years).								
Credit Load per Semester	Two-year program students are required to take a minimum of 9 credits and a maximum of 28 credits per semester.								
Required and Elective	Credits			Subject Category		Credits			
Required	44 Credits			General Education		0 Credits			
				Major Required		44 Credits			
				College Major		0 Credits			
Elective	28 Credits			General Education		0 Credits			
				Major Elective		28 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	K06021	Community Service and Learning(1)	0/1		General Education	K06022	Community Service and Learning (2)	0/1	
Major Required	K06015	Chinese Teaching (1)	5/10		Major Required	K06017	Chinese Teaching (II)	2/4	
Major Required	K06016	English for Science and Tech (1)	2/2		Major Required	K06018	English for Science and Tech (II)	2/2	
Major Required	K06416	Precision Measurement Practice	3/3		Major Required	K06414	Statistical Data Analysis	3/3	Computer Course
Major Required	K06417	Manufacturing Processes	3/3		Major Required	K06418	Quality Management Practice	3/3	
Major Required	K06425	Numerical Control Machining and Practice	3/3		Major Required	K06427	CNC Practice	3/3	
Major Required	K06426	Computer-aided Drawing and Practice	3/3		Major Elective	K06867	Material Management	3/3	
					Major Elective	K06868	Analysis of Engineering Economics	3/3	
					Major Elective	K06870	Intelligent Enterprise and Supply Chain Management	3/3	
					Major Elective	K06884	Mechanical working	3/3	

					Major Elective	K06889	Production and Operations Management	3/3	
19 Credits, 25 Hours					28 Credits, 31 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	K06023	Community Service and Learning(3)	0/1		General Education	K06024	Community Service and Learning(4)	0/1	
Major Required	K06019	Advance Chinese Language Teaching	2/4		Major Required	K06422	Industrial internship (1)	3/10	
Major Required	K06020	Technical Presentation and Writing	2/2		Major Elective	K06877	Off-Campus Internship (1)	3/10	
Major Elective	K06428	CAD & CAM	3/3		Major Elective	K06891	Industrial Practice	4/4	
Major Elective	K06872	Reverse Engineering and Practice	3/3						
Major Elective	K06873	RFID Application and Practice	3/3						
Major Elective	K06874	Automated Production Practice	3/3						
Major Elective	K06875	Engineering Material Testing and Practice	3/3						
Major Elective	K06890	Factory Management	3/3						
22 Credits, 25 Hours					10 Credits, 25 Hours				
五年級上學期					五年級下學期				
Course Category	Course Number	Course Name	Credits/Hours	Notes	Course Category	Course Number	Course Name	Credits/Hours	Notes
General Education	K06025	Community Service and Learning(5)	0/1						
Major Required	K06423	Industrial Internship (2)	3/10						
Major Required	K06429	Summer Industrial Internship	2/20						
Major Elective	K06879	Off-Campus Internship (2)	3/10						
Major Elective	K06880	Thematic Projects	3/3						
11 Credits, 44 Hours					0 Credits, 0 Hours				