

正修科技大學 工業工程與管理系 112 學年度入學新生課程標準

Class	New Southbound International Industry-Academia Collaboration Program															
Course meeting	112.04.14				系課程及選課輔導委員會議通過											
	112.05.17				院課程委員會議通過											
	112.05.29				校課程委員會議通過											
	112.05.29				教務會議通過											
The number of required credits for graduation	Graduation Credits: 72 credits															
Required courses / Elective courses	Course credits	Course Type			Course credits	Note										
Required courses	47 credits	common courses			15 credits											
		specialized required courses			24 credits											
		internship required courses			8 credits											
Elective courses	43 credits	specialized elective courses			30 credits											
		internship elective courses			13 credits											
Remark	1. Industrial Internship (1), (2) and Off-Campus Internship(1), (2) are courses for internship in the industry. 2. Off-campus internship (2) and Thematic Projects are courses to choose from. 3. The "*" symbol means computer required															
3rd Fall					3rd Spring											
Course Type	Course Code	Course Title	Credits	Hours	Course Type	Course Code	Course Title	Credits	Hours							
Common Required Course	K06015	Chinese (I)	5	10	Common Required Course	K06017	Chinese (II)	2	4							
Common Required Course	K06016	English for Science and Tech (I)	2	2	Common Required Course	K06018	English for Science and Tech (II)	2	2							
Common Required Course	K06021	Community Service and Learning(1)	0	1	Common Required Course	K06022	Community Service and Learning(2)	0	1							
Specialized Required Course	K06425	Numerical Control Machining and Practice*	3	3	Specialized Required Course	K06418	Quality Management Practice	3	3							
Specialized Required Course	K06426	Computer-aided Drawing and Practice*	3	3	Specialized Required Course	K06414	Statistical Data Analysis *	3	3							
Specialized Required Course	K06416	Precision Measurement Practice	3	3	Specialized Required Course	K06427	CNC Practice	3	3							
Specialized Required Course	K06417	Manufacturing Processes	3	3	Specialized Elective Course	K06884	Mechanical working	3	3							
					Specialized Elective Course	K06867	Material Management	3	3							
					Specialized Elective Course	K06868	Analysis of Engineering Economics	3	3							
					Specialized Elective Course	K06889	Production and Operations Management	3	3							
					Specialized Elective Course	K06870	Intelligent Enterprise and Supply Chain Management	3	3							
Total			19	25	Total (5 Elective courses of 3)				22	25						

4 th Fall					4 th Spring				
Course Type	Course Code	Course Title	Credits	Hours	Course Type	Course Code	Course Title	Credits	Hours
Common Required Course	K06019	Advance Chinese Language	2	4	Common Required Course	K06024	Community Service and Learning(4)	0	1
Common Required Course	K06020	Technical Presentation and Writing	2	2	Internship Required Course	K06422	Industrial internship (I)	3	10
Common Required Course	K06023	Community Service and Learning(3)	0	1	Internship Elective Course	K06877	Off-Campus Internship (I)	3	10
Specialized Required Course	K06428	CAD & CAM	3	3	Internship Elective Course	K06878	Industrial Practice	3	3
Specialized Elective Course	K06875	Engineering Material Testing and Practice	3	3					
Specialized Elective Course	K06874	Automated Production Practice	3	3					
Specialized Elective Course	K06872	Reverse Engineering and Practice	3	3					
Specialized Elective Course	K06873	RFID Application and Practice	3	3					
Specialized Elective Course	K06890	Factory Management	3	3					
Total (5 Elective courses of 3)			16	19	Total (2 Elective courses of 2)			10	
5 th Fall									
Course Type	Course Code	Course Title	Credits	Hours					
Common Required Course	K06025	Community Service and Learning(5)	0	1					
Internship Required Course	K06429	Summer Industrial Internship	2	20					
Internship Required Course	K06423	Industrial Internship (II)	3	10					
Internship Elective Course	K06879	Off-Campus Internship (II)	3	10					
Internship Elective Course	K06880	Thematic Projects	3	3					
Total (2 Elective courses of 1)			8						