

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

<b>Class</b>	New Southbound International Industry-Academia Collaboration Program									
<b>Course setting</b>	112.04.14					系課程及選課輔導委員會會議通過				
	112.05.17					院課程委員會會議通過				
	112.05.29					校課程委員會會議通過				
	112.05.29					教務會議通過				
<b>The number of required credits for graduation</b>	Graduation Credits: 72 credits									
<b>Required courses / Elective courses</b>	<b>Course credits</b>		<b>Course Type</b>			<b>Course credits</b>		<b>Note</b>		
<b>Required courses</b>	47 credits		common courses			15 credits				
			specialized required courses			24 credits				
			internship required courses			8 credits				
<b>Elective courses</b>	43 credits		specialized elective courses			30 credits				
			internship elective courses			13 credits				
<b>Remark</b>	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									
<b>3<sup>rd</sup> Fall</b>					<b>3<sup>rd</sup> Spring</b>					
<b>Course Type</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Hours</b>	<b>Course Type</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Hours</b>	
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	
<b>Total</b>			<b>19</b>	<b>25</b>	<b>Total (5 Elective courses of 3)</b>			<b>22</b>	<b>25</b>	

4 <sup>th</sup> Fall					4 <sup>th</sup> 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					
<b>Total (5 Elective courses of 3)</b>			<b>16</b>	<b>19</b>	<b>Total (2 Elective courses of 2)</b>			<b>10</b>	
5 <sup>th</sup> 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					
<b>Total (2 Elective courses of 1)</b>			<b>8</b>						