

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

School system	四技日間部						
Class	國際專修部						
Course Meeting	113.09.02		系務會議通過				
	113.09.11		院課程委員會議通過				
	113.09.23		校課程委員會議通過				
	113.09.23		教務會議通過				
The number of credits for graduation / Study period	At least 128 credits (The standard duration of study is four years)						
Required course / Elective course	Course credits	Course Type	Course credits	Relevant regulations/ remarks			
Required course	94 credits	Required Core Courses	28 credits				
		Specialized Required Course	66 credits				
Required course	34 credits	Elective Core Courses	8 credits				
		Specialized Elective Course	26 credits				
Number of credits taken each semester	First and second-year students must enroll in no fewer than 16 credits and no more than 28 credits per semester. Third and fourth-year students must enroll in no fewer than 9 credits and no more than 25 credits per semester.						
Remark	The "*" symbol indicates that computer access is required (including computer and network communication usage fees)						
Fall			Spring				
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Required Courses	F99106	Basic Chinese	20/20	Required Courses	F99206	Elementary Chinese	20/20
The courses planned for this semester amount to 20 credits and 20 hours			The courses planned for this semester amount to 20 credits and 20 hours				
1st Fall			1st Spring				
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Required Core Courses	F06089	Chinese Class (1)	4/4	Required Core Courses	F06090	Chinese Class (2)	4/4
Required Core Courses	F06095	English (1)	2/2	Required Core Courses	F06096	English (2)	2/2
Required Core Courses	F06110	Physical Education (1)	2/2	Required Core Courses	F06111	Physical Education (2)	2/2
Required Core Courses	F06114	Community Service & Learning (1)	0/1	Required Core Courses	F06115	Community Service & Learning (2)	0/1
Specialized Required Course	F06107	Computational Thinking and Creative Programming	3/3	Specialized Required Course	F06434	Introduction of Measurement	3/3
Specialized Required Course	F06421	Industrial Engineering and Management	3/3	Specialized Required Course	F06429	Manufacturing Processes	3/3
Specialized Required Course	F06407	Calculus	3/3	Specialized Required Course	F06108	Programming Language	3/3
				Specialized Required Course	F06803	Accounting	3/3
The courses planned for this semester amount to 17 Credit and 18 Hours			The courses planned for this semester amount to 20 Credit and 21 Hours				

2 nd Fall				2 nd Spring			
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Required Core Courses	F06091	Chinese Class (3)	4/4	Required Core Courses	F06092	Chinese Class (4)	4/4
Required Core Courses	F06097	English (3)	2/2	Required Core Courses	F06098	English (4)	2/2
Required Core Courses	F06112	Physical Education (3)	2/2	Required Core Courses	F06113	Physical Education (4)	2/2
Required Core Courses	F06116	Community Service & Learning (3)	0/1	Required Core Courses	F06117	Community Service & Learning (4)	0/1
Specialized Required Course	F06408	Statistics	3/3	Specialized Required Course	F06433	Work Study	3/3
Specialized Required Course	F06424	Materials Management	3/3	Specialized Required Course	F06409	Data Analysis and Application	3/3
Specialized Required Course	F06911	Management English	2/2	Specialized Required Course	F06802	English for Industrial Engineering	2/2
Specialized Required Course	F06410	Computer Aided Graphics	3/3	Specialized Elective Course	F06822	Engineering Economy	3/3
				Specialized Elective Course	F06981	Intelligent Robot Application	3/3
The courses planned for this semester amount to 19 Credit and 20 Hours				The courses planned for this semester amount to 19 Credit and 20 Hours (2 optional courses select 1)			
3 rd Fall				3 rd Spring			
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Required Core Courses	F06093	Chinese Class (5)	2/2	Required Core Courses	F06094	Chinese Class (6)	2/2
Required Core Courses	F06118	Community Service & Learning (5)	0/1	Required Core Courses	F06119	Community Service & Learning (6)	0/1
Specialized Required Course	F06436	Quality Management	3/3	Specialized Required Course	F06438	Production and Operations Management	3/3
Specialized Required Course	F06512	Operations Research	3/3	Specialized Required Course	F06439	Facilities Planning	3/3
Specialized Required Course	F06484	Marketing Management	3/3	Specialized Required Course	F06411	Database Management System	3/3
Specialized Required Course	F06412	Commercial Automation	2/2	Specialized Required Course	F06413	Production Automation	2/2
Specialized Required Course	F06414	Logistics Management	2/2	Specialized Required Course	F06415	Financial Management	2/2
Specialized Elective Course	F06986	Industry Analysis	3/3	Specialized Elective Course	F06824	Quality Assurance	3/3
Specialized Elective Course	F06892	Human Resources Management	3/3	Specialized Elective Course	F06901	Enterprise Resource Planning	3/3
Specialized Elective Course	F06885	Supply Chain Management	3/3	Specialized Elective Course	F06887	Marketing Research	3/3
The courses planned for this semester amount to 18 Credit and 19 Hours (3 optional courses select 1)				The courses planned for this semester amount to 21 Credit and 22 Hours (3 optional courses select 2)			

4 th Fall				4 th Spring			
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Elective Core Courses	F06105	Technologica English Writing	2/2	Elective Core Courses	F06106	Technological English Presentation	2/2
Required Core Courses	F06120	Community Service & Learning (7)	0/1	Required Core Courses	F06121	Community Service & Learning (8)	0/1
Specialized Elective Course	F06961	Semester Internship (1)	9/9	Specialized Elective Course	F06966	Semester Internship (2)	9/9
Specialized Elective Course	F06827	Computer Aided Manufacturing	3/3	Specialized Elective Course	F06889	Management Case Study	3/3
Specialized Elective Course	F06937	Strategy Management	3/3	Specialized Elective Course	F06941	ERP production module applications	3/3
Specialized Elective Course	F06930	Enterprise Resource Planning System	3/3	Specialized Elective Course	F06829	Project Management	3/3
Specialized Elective Course	F06828	Total Quality Management	3/3				
The courses planned for this semester amount to 9 Credit and 10 Hours				The courses planned for this semester amount to 9 Credit and 10 Hours			