

正修學校財團法人正修科技大學
日間部四技工學院工業工程與管理系外國學生專班
107 學年度入學新生課程標準

說明：畢業總學分至少為 144 學分
 必修 98 學分[含通識基礎必修 38 學分，專業必修 60 學分]
 選修 46 學分[含通識博雅選修 08 學分，專業選修 38 學分]

一年級上學期				一年級下學期			
科目類別	科目代碼	科目名稱	學分/時數	科目類別	科目代碼	科目名稱	學分/時數
通識基礎必修	46015	體育(一)	1/2	通識基礎必修	46016	體育(二)	1/2
通識基礎必修	46059	華語文教學(一)	4/4	通識基礎必修	46060	華語文教學(二)	4/4
通識基礎必修	46063	英文(一)	4/4	通識基礎必修	46064	英文(二)	4/4
通識基礎必修	46058	* 運算思維與創意程式	2/3	通識基礎必修	46054	服務學習(二)	0/2
通識基礎必修	46053	服務學習(一)	0/2	通識基礎必修	46052	勞作教育(二)	0/1
通識基礎必修	46051	勞作教育(一)	0/1	專業必修	46431	微積分(二)	3/3
專業必修	46496	微積分(一)	3/3	專業必修	46499	會計學	3/4
專業必修	46506	基礎物理	3/3	專業必修	46521	* 程式語言	1/3
專業必修	46421	工業工程與管理	3/3	專業必修	46444	* 電腦輔助繪圖	1/3
專業必修	46507	製造概論	2/3				
			22/28				17/26
二年級上學期				二年級下學期			
科目類別	科目代碼	科目名稱	學分/時數	科目類別	科目代碼	科目名稱	學分/時數
通識基礎必修	46017	體育(三)	1/2	通識基礎必修	46048	體育(四)	1/2
通識基礎必修	46061	華語文教學(三)	4/4	通識基礎必修	46062	華語文教學(四)	4/4
通識基礎必修	46065	英文(三)	4/4	通識基礎必修	46066	英文(四)	4/4
通識博雅選修		通識教育(一)	2/2	專業必修	46516	統計學(二)	3/4
專業必修	46522	* 網際網路應用	1/3	專業必修	46424	物料管理	3/3
專業必修	46403	統計學(一)	3/3	專業必修	46519	* 資料庫管理系統	1/3
專業必修	46422	工作研究	3/4	專業選修	46922	創意思考訓練	2/2
專業選修	46940	管理英文導論	2/2	專業選修	46981	智慧型機器人應用	3/3
專業選修	46925	組織行為	2/2				
			20/24				19/23

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三年級上學期				三年級下學期			
科目類別	科目代碼	科目名稱	學分/時數	科目類別	科目代碼	科目名稱	學分/時數
通識博雅選修		通識教育(二)	2/2	通識博雅選修		通識教育(三)	2/2
專業必修	46425	品質管理	3/4	專業必修	46505	生產與作業管理	3/4
專業必修	46512	作業研究	3/3	專業必修	46513	作業研究(二)	3/4
專業必修	46510	*資料分析與應用	2/3	專業必修	46508	人因工程	2/2
專業必修	46527	經濟學	2/3	專業選修	46824	品質保證	3/3
專業選修	46823	物料需求計畫	3/3	專業選修	46901	企業資源規劃	3/3
專業選修	46926	流通業管理	3/3	專業選修	46919	物流管理	3/3
專業選修	46943	市場調查	3/3	專業選修	46895	產業分析	3/3
				專業選修	46927	服務業管理	2/2
			18/21				19/21
四年級上學期				四年級下學期			
科目類別	科目代碼	科目名稱	學分/時數	科目類別	科目代碼	科目名稱	學分/時數
通識博雅選修		通識教育(四)	2/2	專業選修	46828	全面品質管理	3/3
專業必修	46427	設施規劃	3/4	專業選修	46889	管理個案分析	3/3
專業必修	46528	工程經濟分析	3/3	專業選修	46937	策略管理	3/3
專業必修	46526	行銷管理	3/4	專業選修	46909	人力資源管理	3/3
專業選修	46932	供應鏈管理	3/3	專業選修	46941	ERP 生產模組應用	3/3
專業選修	46920	電子商務	3/3	專業選修	46928	投資與理財	3/3
專業選修	46930	企業資源規劃系統應用	3/3	專業選修	46829	專案管理	3/3
			17/19				15/15

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科目類別	科目代碼	科目名稱	學分/時數	科目類別	科目代碼	科目名稱	學分/時數
二年級上學期				二年級下學期			
科目類別	科目代碼	科目名稱	學分/時數	科目類別	科目代碼	科目名稱	學分/時數
		2 科選 1 科	2/2	專業選修		2 科選 1 科	2/2
三年級上學期				三年級下學期			
科目類別	科目代碼	科目名稱	學分/時數	科目類別	科目代碼	科目名稱	學分/時數
專業選修		3 科選 2 科	18/21	專業選修		5 科選 3 科	19/20
四年級上學期				四年級下學期			
科目類別	科目代碼	科目名稱	學分/時數	科目類別	科目代碼	科目名稱	學分/時數
專業選修		3 科選 2 科	17/19	專業選修		7 科選 5 科	15/15

Fall Semester of 2018
Curriculum of International Bachelor Program,
Department of Industrial Engineering and Management, Cheng Shiu University

Minimum credits required for graduation: 144 credits

Required courses: 98 credits (common courses: 38 credits; specialized required courses: 60 credits)

Elective courses: 46 credits (general courses: 8 credits; specialized elective courses: 38 credits)

1st Fall				1st Spring			
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
Common Course	46015	Physical Education (I)	1/2	Common Course	46016	Physical Education (II)	1/2
Common Course	46059	Chinese Teaching (I)	4/4	Common Course	46060	Chinese Teaching (II)	4/4
Common Course	46063	English (I)	4/4	Common Course	46064	English (II)	4/4
Common Course	46058	* Computing thinking and creative programming	2/3	Common Course	46054	Community Service & Learning (II)	0/2
Common Course	46053	Community Service & Learning (I)	0/2	Common Course	46052	Labor Education (II)	0/1
Common Course	46051	Labor Education (I)	0/1	Specialized Required Course	46431	Calculus (II)	3/3
Specialized Required Course	46496	Calculus (I)	3/3	Specialized Required Course	46499	Accounting	3/4
Specialized Required Course	46506	Fundamental Physics	3/3	Specialized Required Course	46521	* Programming Language	1/3
Specialized Required Course	46421	Industrial Engineering and Management	3/3	Specialized Required Course	46444	* Computer Aided Drawing	1/3
Specialized Required Course	46507	Introduction of Manufacturing Processes	2/3				
			22/28				17/26
2nd Fall				2nd Spring			
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
Common Course	46017	Physical Education (III)	1/2	Common Course	46048	Physical Education (IV)	1/2
Common Course	46061	Chinese Teaching (III)	4/4	Common Course	46062	Chinese Teaching (IV)	4/4
Common Course	46065	English (III)	4/4	Common Course	46066	English (IV)	4/4
General Course		General Education (I)	2/2	Specialized Required Course	46516	Statistics (II)	3/4
Specialized Required Course	46522	* Internet Application	1/3	Specialized Required Course	46424	Material Management	3/3
Specialized Required Course	46403	Statistics (I)	3/3	Specialized Required Course	46519	* Data Base Management System	1/3
Specialized Required Course	46422	Work Study	3/4	Specialized Elective Course	46922	Creative Thinking Training	2/2
Specialized Elective Course	46940	Introduction to Management English	2/2	Specialized Elective Course	46981	Smart Robot Application	3/3
Specialized Elective Course	46925	Organizational Behavior	2/2				
			20/24				19/23

Fall Semester of 2018
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Minimum credits required for graduation: 144 credits

Required courses: 98 credits (common courses: 38 credits; specialized required courses: 60 credits)

Elective courses: 46 credits (general courses: 8 credits; specialized elective courses: 38 credits)

3rd Fall				3rd Spring			
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
General Course		General Education (II)	2/2	General Course		General Education (III)	2/2
Specialized Required Course	46425	Quality Management	3/4	Specialized Required Course	46505	Production and Operations Management	3/4
Specialized Required Course	46405	Operations Research (I)	3/3	Specialized Required Course	46513	Operations Research (II)	3/4
Specialized Required Course	46510	* Information Analysis and Application	2/3	Specialized Required Course	46508	Human Factors Engineering	2/2
Specialized Required Course	46527	Economics	2/3	Specialized Elective Course	46824	Quality Assurance	3/3
Specialized Elective Course	46823	Material Requirement Planning	3/3	Specialized Elective Course	46901	Enterprise Resource Planning	3/3
Specialized Elective Course	46926	Distribution Industry Management	3/3	Specialized Elective Course	46919	Logistics Management	3/3
Specialized Elective Course	46943	Marketing Survey	3/3	Specialized Elective Course	46895	Industry Analysis	3/3
				Specialized Elective Course	46927	Service Industry Management	2/2
			18/21				19/21
4th Fall				4th Spring			
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
General Course		General Education (IV)	2/2	Specialized Elective Course	46828	Total Quality Management	3/3
Specialized Required Course	46427	Facilities Planning	3/4	Specialized Elective Course	46889	Management Case Study	3/3
Specialized Required Course	46509	Analysis of Engineering Economy	3/3	Specialized Elective Course	46937	Strategy Management	3/3
Specialized Required Course	46517	Marketing Management	3/4	Specialized Elective Course	46909	Human Resources Management	3/3
Specialized Elective Course	46932	Supply Chain Management	3/3	Specialized Elective Course	46941	ERP Application for Manufacturing Module	3/3
Specialized Elective Course	46920	E-commerce	3/3	Specialized Elective Course	46928	Investment and Finance	3/3
Specialized Elective Course	46930	Enterprise Resource Planning System	3/3	Specialized Elective Course	46829	Project Management	3/3
			17/19				15/15

Fall Semester of 2018
Curriculum of International Bachelor Program,
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1st Fall				1st Spring			
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
2nd Fall				2nd Spring			
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
		1 of 2 courses	2/2	Specialized Elective Course		1 of 2 courses	2/2
3rd Fall				3rd Spring			
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
Specialized Elective Course		2 of 3 courses	6/6	Specialized Elective Course		3 of 5 courses	8/8
4th Fall				4th Spring			
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
Specialized Elective Course		2 of 3 courses	6/6	Specialized Elective Course		5 of 7 courses	15/15

Note:

Not all courses will be offered every semester. The courses offered depend on the IEM department.