吳鳳科技大學 日間部 日四技 消防系 課程表 (114學年度入學學生適用)

The Curriculum Framework for the Four-Year Bachelor Program of the Fire Science Department at WuFeng University for the 114 Academic Year

ŧ								第二學年(Second Academic Year)						第三學年(Third Academic Year)						第四學年(Fourth Academic Year)							計
E		上(First Semes	上(First Semester) 下(Second Se				H字 報5	上(First Semester		H.S-			胡子	上(First Semes		18音	下(Second Seme	H.S-		上(First Semes	1 1192		下(Second Seme	H-		subt	total
9	通 河	科目 Course Title	學分 Credit	數	科目 Course Title	學分 Credit	Hou	科目 Course Title	學分 Credit	數	科目 Course Title	學分 Credit	數	科目 Course Title	學分 Credit	數	科目 Course Title	學分 Credit	數	科目 Course Title	學分 Credit	數	科目 Course Title	學分 Credit	數	學分 Credit	數
	(Core Liter	英文(一)/English (I)	3	3	英文(二)/English (II)	3	3	安全教育/Safety Education	1	1																1	
ħ		文學賞析與習作 /Appreciation & Composition of Chinese Literature	2	2	語文能力表達/The ability of Expression in Chinese Language	2	2	專業倫理/Professional Ethics	1	1																	
力		體育(一)/Physical Education I	2	2	體育(二)/Physical Education II	2	2	創意概論與智財權 /Introduction to Creativity & IPR	1	1																	
公民素養		勞作教育/Labor Education	1	1																						1	
		小計/subtotal	8	8		7	7		3	3		0	0		0	0		0	0		0	0		0	0	18	18
											公民素養(一)/Civil	2	2	公民素養(二)/Civic	2	2										l	
											Literacy (I)			Literacy(Ⅱ)													\mathbf{H}
	acy)	小計/subtotal	0	0		0	0		0	0		2	2		2	2		0	0		0	0		0	0	4	4
19 19 19 19	大 可 the col	微積分/Calculus	2	2	電腦實務與程式應用 */Computer Practice and Program	2	2																				
	ige)	小計/subtotal	2	2		2	2		0	0					0	0		0	0		0	0		0	0	4	4
	(Co	消防學 /Introduction to Fire Science	2	2	火災學(一)/Fire Science(I)	2	2	水系統消防安全設備/ Water-Base Suppression Systems for Fire Protection	3	3	警報系統消防安全設備/ Alarm and Detection Systems for Fire Protection	3	3	專題與書報討論(一)/ Final Project (I)	1	1	消防圖學(二)/ Fire Engineering Drawing (II)	3	3								
्रम् स	ourses required	數位選輯程式設計與應 用*/ Digital logic programming and application	1	1	消防法規(二)/Fire Code and Regulations (II)	3	3	化學系統消防安全設備/ Special Suppression Systems	3	3	避難系統消防安全設備/ Escape Systems for Fire Protection	3	3	消防圖學(一)/ Fire Engineering Drawing (I)	3	3	專題與書報討論(二)/ Final Project (II)	1	1								
穿 必 修	by th	消防法規(一)/Fire Code and	3	3	普通物理(一)/	2	2	火災學(二)/Fire	2	2							消防設備檢修實務/ Overhaul Practice of the	2	2								
	e dep	Regulations (I) 普通化學(一)/General			Physics(I)			Science(II)									Fire Safety Equipments								_		\vdash
	partm	Chemistry(I)	2	2																						<u> </u>	Ш
	nent)	普通化學實驗/ General Chemistry	1	1										1												l	
	必修小計/S	Experiments htt/subtotal	9	9		7	7		8	8		6	6		4	4		6	6		0	0		0	0	40	40
•		Subtotal, Compulsory	19	_		16	16		11			8	8		6	6		6	6		0	0		0	0	66	
		應用統計/			工業衛生概論	0			٥		建築防火/Fire Safety of	2	_	配線實務/Wiring	0		氣體燃料導管配管/			消防工程英文/			火災原因調查與鑑定/	,	0		
		Application of Statistics	2	2	/Industrial hygiene 普通化學	2		消防水力學/Hydraulics	2		Buildings		2	Practice		3	氣體燃料導管配管/ Gas Piping			Fire Engineering English 特定瓦斯器具裝修/		2	消防滅火系統實務/	2	2	_	\square
		電工學/Electrical Engineering	2	2	(<u></u>)/General Chemistry(II)	2	2	工業安全概論/Introduction of Industrial Safety	2	2	工業電子/Industrial Electronics	2	2	緊急救護/Emergency Medical Service 創新與創業實務/	2	3	配管實務/Piping Practice	2	3	Installation of specialized gas appliances 防火防爆工程/	2	2	Practice in Fire Suppression Systems 長照機構防火安全/	2	2	<u> </u>	\square
								電腦繪圖* /Computer Graphics	2	2	電氣安全/Electrical Safety	2	2	Innovation and Entrepreneurship in Practice	2	2	消防機械/Fire Fighting Facility	2	2	Engineering of Fire and Explosion Protection	2	2	Fire safty of long-term care institution	2	2	_	
								普通物理(̄)/ Physics(II)	2	2	風險評估/Risk assessment	2	2	機電防護/Mechanical Protection	2	2	人因工程/Human Factors Engineering	2	2	都市防災/Urban disaster prevention	2	2	災害防救計畫與緊急應 變/Disaster Prevention and Emergency Response Plans	2	2		
	s of the							法學緒論/Introduction to Laws	2	2	防火管理/Fire Preacuation Management	2	2	消防安全設備設置 標準 解說(一)/ Installation standards of fire safety equipment (I)	2	2	消防安全設備設置 標準解說(二)/ Installation standards of fire safety equipment (II)	2	2	危機管理/Crisis Management	2	2	職業安全衛生法規/ Occupational Safety and Health Regulations	2	2		
并其其								工程材料/Engineering Materials	2	2	火災學(三)/ Fire Science (III)	2	2	公共危險物品管理與消 防設備/Fire Safety Design and Equipments for Public Hazardous Goods	2	2	火災災例分析與評估/ Analysis and Estimation of Fire Scenarios	2	3	製圖實務與AI運用*#/ Cartography practice and AI application	2	2					
																	消防化學/Fire Chemistry	2	2								
								校外實習(一)/Practical Training (I)	3	3				校外實習(二)/Practical Training (II)	3	3				校外實習(三)/Practical Training (III)	3	3	校外實習(七)/Practical Training (VII)	3	3		\blacksquare
								Trailing (i)						realing (ii)						校外實習(四)/Practical	3	3	校外實習(八)/Practical	3	3		H
																				Training (IV) 校外實習(五)/Practical Training (V)	3	3	Training (VIII) 校外實習(九)/Practical Training (IX)	3	3		H
																				校外實習(六)/Practical Training (VI)	3	3	Training (IA)				H
	核學期	至少需選修學分/學時	2	2		2	2		4	4		4	4		6	8		6	8		,	4		4	4	32	26
m	inimum	elective credits required for 學分/學時小計					2														4			4	4		_
	Subt	otal, Credits/Hour	21			18	18		15	15		12	12		12			12	14		4	4		4	4	98	102
	能課程: 多30學分	 通識護照:最多4學 社團發展:最多4學 			ral Education Learning			Jp to 4 credits									了「吳鳳科技大學學程、跨 , Cross-Disciplinary Ele							Univers	sity	l	
Po	tential							artmental interest electives: up t	o credits	requir	red for this type of courses			ouravions on Academ	110F	J. UIIO	, stood proorprinary Eli		_, 011	. sampao mternompo,	10	6 1 6				l	
	urses: up 30 credit:	4. 校外實習: 最多 18					·······································	ф.		,	71															l	
	潛能	课程學分/學時建議 ourse credit/credit hour				2	2		4	4		6	6		4	4		4	4		5	5		5	5	30	30
70	華	業最低學分/學時	21	21		20	20		19	19		-	18		16	18		16	18		9	9		9	9	128	132
	Total N 共同選修 Common	1. 「全民國防教育軍事 1. The "National Defense Ed	訓練」	課程	 有五大領域:(一)國際·	情勢 (二	_)國防	 b 政策 (三)全民國防 (四)防衛 I) International Situation (2) Nation	動員 (五	.)國防	科技。 cy (3) National Defense (4) De				· 時,可	折抵	人 役期。各領域每學期開設情 can be deducted for service pe	況,均	依當學				ncement of the Academic Affair				

Common Elective 1. The "National Defense Education and Military Training" course has five areas: (1) International Situation (2) National Defense Policy (3) National Defense (4) Defense Mobilization (5) National Defense Science and Technology.

站/Notes 、校基本要求/Basic requirements of the university

- 社会を表が記載から equinements of the university 社会を発送力を発送する (主義を表が)相談に対象 (主義を表が)相談に対象 (主義を表が)相談に対象 (主義を表が)相談に対象 (主義を表が) 、院基本要求/Basic requirements of the college:

1.學院必修科目為:微積分、電腦實務與程式應用。學生必須修習及格。

- The compulsory subjects of the colleges: Calculus, Computer Practice and Program Applications. Students must pass these courses.
- The Compulsory subjects of the conteges: Calculus, Computer Practice and Program Approximations. Students index pass mose courses.

 5. 条所基本要求/Basic requirements of the department:

 1. 畢業學分數要求: 至少需取得128學分布可畢業,其中包括(1)核心素養科目18學分(2)公民素養科目4學分(3)學院共同必修4學分(4)專業必修科目40學分(5)專業選修科目32學分(6)學程、跨系興趣選修與潛能課程30學分。

 Graduation credit requirements: At least 128 credits, including (1) Core Literacy Courses: 18 credits (2) Civic Literacy Courses: 4 credits (3) The common compulsory subjects of the colleges: 4 credits (4) Professional compulsory courses:40credits (5) Professional elective courses:32 credits (6) A maximum of 30 credits are recognized for courses, interdepartmental interest electives and potential courses (excluding off-campus intermships).

2.各年級各學期修習學分數規定:(1)一~二年級:16~25學分。(2)三年級:14~25學分、(3)四年級:9~25學分。 Regulations on the number of credits for each grade and semester: (1) From first to second year: 16~25 credits. (2) Third year: 14~25 credits, (3) Forth year: 9~25 credits. 3.校外實習須符合「吳鳳科技大學學生校外實習課程實施要點」據以認定實習成績。

- The Practical Training must meet the "Implementation of WuFeng University Students' Practical Training Course" to determine the internship results.
- 四、其他說明/Other remarks 1.*表示需使用電腦課程。
- Indicates that a computer course is required. 2.本系可因應計劃和產業需求修改選修課。
- The department may modify elective courses according to the needs of the program and industry. 五、钉 (移) 定是程/Booking (Revised) History:
- 14.07.22. 消防系113學年度第2學期第3次課程委員會通過: 114.07.25安全工程學院114學年度第2學期第4次課程委員會通過: 114.07.30 114學年度第2學期第6次校課程委員會通過。
- 114.07.22. Department of Fire Science 114 academic year 2nd semester, adopted by the 3rd Fire Science Curriculum Committee conference. 114/07/25 114 academic year 1st/4nd semester, adopted by the College of Safety and Engineering Curriculum Committee conference. 114/07/30 114 academic year 1st/4nd semester, adopted by the 1st/2nd Curriculum Committee conference.