吳鳳科技大學 日間部 日四技 人工智慧無人機科技系 課程表 (113學年度入學學生適用) The Curriculum Framework for the Four-Year Bachelor Program of the AI UAS Technology Department at WuFeng University for the 113 Academic

類科			Academic Year)		10 1		Academic Year)				d Academic Year)	Turicing chirv			for the 113 Academic				小計							
別日	上(First Se		I	下(Second Se			上(First Semes			₹(Second Semester)			上(First Seme		l	F(Second Semester)			上(First Sem	ester)		F(Second Semest			sub	ototal
(Categories of Courses)	科目 Course Title	學分 Credit	時數 Hour	升日 Course Title	學分 Credi	時數 Hour	升目 Course Title	學分 Credit	時數 Hour	升日 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit			學分 Credi:		科目 Course Title	學分 Credit	時數 Hour	## H Course Title	學分 Credit	時數 Hour		時數 t Hour
核心	英文(一)/English(I)	3	3	英文(二)/English(II)	3	3	安全教育/Safety Education	1	1																	
素養	文學賞析與習作 /Appreciation & Composition of Chinese Literature	2	2	矫文能力表達/The ability of Expression in Chinese Language	2	2	專業倫理/Professional Ethics	1	1																	
(Core Literacy)	體育(一)/Physical Education(I)	2	2	雅育(二)/Physical Education(II)	2	2	創意概論與智財權 /Introduction of creation	1	1																	
	勞作教育/Labor Education / Subtotal	1 8	1 8		7	7		3	3		0	0		0	0		0	0		0	0		0	0	18	18
公民素養		Ť	Ť		Ť	Ť				公民素養(一) Civic Literacy (I)	2	2	公民素養(二) Civic Literacy (II)	2	2								_		10	- 10
(Civic Literacy)										Civic Enclary (1)			Civic Enclidy (a)												L	
	/ Subtotal	0	0	電腦實務與程式應 用*/Computer pratice	0			0	0		2	2		2	2		0	0		0	0		0	0	4	4
院共同必修	微積分/Calculus	2	2	and programe application	2	2																				
(Courses required by the college)	:																									
	/ Subtotal	2	2		2	2		0	0		0	0		0	0		0	0		0	0		0	0	4	4
· 享 章 宏 必 修	無人載具操作應用實務 (一)*/UAV operation practice (1)*	2	3	無人載具操作應用實務 (二)/UAV operation practice (2)	2	3	無人機能裝飾堆篷條套/UAV assembly and maintenance	2	3	定翼機應用與實務/Fix wing drone applications and practice	2	3	實務專題(一)/Practice topic	1	1	實務專題(二) Special Projects (II)	1	1								
	人工智慧等論 *#/Introduction to AI*#	2	2	基本電學/Basic electricity	2	2	逐等控系統叛論*/ Introduction to Remote Control System	2	2	大教據理論與實務(一)*#/ Big Data Theory and Practice(I)	3	3	大教権環境與實務(二)*#/ Big Data Theory and Practice(II)	2	2	技術報告撰寫*/Technical Report Writing	2	2								
	航空概論/Introduction to Aviation	2	2	Python 程式设计概编 *#/Introduction to Python Programming*#	2	2	機器學習概論*#/Machine learning priciple	2	2	龍別式AI與生成式AI概論 #/Introduction to Discriminative AI and Generative AI#	2	2	AI應用規劃等實務(一)#/AI Application Planner Practice(2)#	2	2	AI 多模式工具實務*#/ AI Multimodal Tools in Action*#	2	2								
	航空法規與倫理/Aviation regulations and ethics	2	2	基礎電腦增屬*/Basic computer graphics*	2	2	初階專業英文Professional English (I)	1	1	進階專業英文Professional English (II)	1	1														
(Courses required by the																										
	/ Subtotal	8	9		8			7	8		8			5	-		5	_		0			0	0		45
☆炒小計/3	Subtotal, Compulsory	18	19		17	18	作業風險管理/	3	3	深度學習概論*#/	10	3	成河高理論與實務*#Sensor	3	3	AI應用規劃師實務(二)/AI	2	2	人工智慧安全與倫理	3	3	智慧監測系統實務*/	0	0	67	71
Courseds require requ							Operationa risk management 空抽與影片製作/			Deep learning practice 無人機遇測影像分析實務			theory and practice		H	Application Planner Practice(2)# C 在式设计管务***C			#/Artificial Intelligence Safety and Ethics#			Smart monitoring system practice VTOLA人株名姓东州	3	3		
							Aerial photography and video production 直升機應用與實務/	3	3	*/UAV telemetry image analysis practice	3	3	Surveying Practice 虚挺實境實務應用+/	3	3	Programming Practice	3	3	practice	3	3	VTOL UAV System Application	3	3		-
							Helicopter Applications and Practice	3	3	FPV操作實務/FPV operation Practice	3	3	Virtual Reality Practical Application	3	3	UAV agricultural spraying practice	3	3	群飛旋計及操作實務*/Qunfei design and operation practice*	3	3	社群基體製作實務*/ Social Media Production Practice	3	3		_
																			校外實習(一)Practical Training(1)	3	3	校外實習(五) Practical Training(5)	3	3		
t d b																			校外實習(二)/Practical Training(2)	3	3	校外實習(穴)Practical Training(6)	3	3		
y																			校外實習(三)Practical Training(3)	3	3	校外實習(七)Practical Training(7)	3	3		
h e																			校外實習(型)/Practical Training(4)	3	3					
该學期至少需選修 學分/學時 minimum elective		0	0		0	0		3	3		3	3		3	3		3	3		9	9		9	9	30	30
學分/學時小計 Subtotal,		18	19		17	18		13	14		13	14		10	10		8	8		9	9		9	9	97	101
學程與跨領域選修: 至多30學分				al Education Learnin Development: Up to			Up to 4 credits									考「吳鳳科技大學潛能课: ology" for detailed re				to "Ke	y Point	s of Potential Course of Wu	feng			
Course and Cross- field electives: up	3. 學程與跨領域選修 of courses	: 最多為	本類課	程應修學分 3. Course	e and	interde	epartmental interest ele	ctives:	up to	credits required for	this t	ype														
to 30 credits 學程與跨領域選修學	4. 校外實習:最多 2	1 學分	4. Field	Practice: Up to 2	l cred	its		l				<u> </u>			Т		Г	1		1	1	1			-	\vdash
学程與跨領城巡抄学 分/學時建議 Course and Cross- field electives credit/credit hour		2	2		2	2		2	2		7	7		6	6		4	4		4	4		4	4	31	31
recommendations 專業最 Total Numb	低學分/學時 ber of Required	20	21		19	20		15	16		20	21		16	16		12	12		13	13		13	13	128	132
Cred	dits/Hour			据· (→)回欧棒铁 (→)全民國防 (四)防衛動員 (五)				20	21	 2 名領協的為 () 整合// 			抵役期。各領域每學期間			· 學期新茲處公去為選。	10	19		10	10	120	102
共同選修 Common Elective	1. The "National Defer	nse Educa	tion and	d Military Training " National Defense Scien	course	has fir	ve areas: (1) International	Situati	ion (2)	National Defense Policy ((3) Nati	onal	2. 0 credits /2 class	s hours	s in a		ne ded	ucted	for service period. Th	e cour	ses of	each semester are subject t	o the			
	Basic requirements of			*																					•	
2. 資訊能力門檻:	依據「吳鳳科技大學學	生資訊的	力學業	門極實施要點」,非	資訊系	(科)至:	anguage Proficiency Thre: 少通過一種資訊基本能力認 University students' in	逆測驗	; 資訊;	k(科)至少當通過兩種資1	风能力 1	5.经测月	k -									old." mation proficiency certifica	tion te	st St	udents	of the
department of In	nformation must pass	at leas	t two i	nformation proficie	ency co	ertific	cation tests. Department at WuFeng Uni				ioi gio	-autor c a c	n in conoral ordani	01	11011 1	miorascron department	(000	101107	and product reads on		- 111101	marion profitoromy continuo		011 01	auciiro	01 1110
學院必修科日為:	Basic requirements of 微積分、電腦實務與程	式應用。	學生必	須修習及格。																						
三、糸所基本要求	/Basic requirements	of the	departm	ent:			plication. Students must					45.00	(0) = + + + + + + + + + + + + + + + + + +	w 0.00												
1. Graduation cr	・・・ 至夕富取将128学分え redit requirements: A ognized for courses,	t least	128 cr	edits, including (1	1)Core	Litera	4學分(3)學院共同必修4學 acy: 18 credits (2) Civi	9 (4) c Liter	專案必f racy: 4	多科目29学分 (5)專案選 credits (3) The commo	的 comp	45學分 ulsor	(6)學程與跨領域選修 subjects of the coll	·課程26 lege: 6	学分 i cred	its (4) Professional c	ompul:	sory su	bjects: 29credits (5)	Profes	ssional	elective courses: 45 credit	s (6) A	maxim	um of S	26
 各年級各學期修 Regulations o 校外實習須符合 	·習學分數規定:(1) on the number of cred ·「吳鳳科技大學學生校	二年級: lits for 外實習記	16~25年 each g 程實施	學分、(2)三年級:14- grade and semester: 要點」據以認定實習:	-25學分 (1) Fi 成績。	· · (3)t	rst to second year: 16~2							its.												
四、其他說明/0th	ner remarks						dents' Practical Traini				ship re	sults.														
五、訂 (修) 定歷	程/Booking (Revised)	Histor	<i>;</i> :				rses according to the ne																			
113/6/20 Departm							13學年度第1學期第1次課程 pted by the 3 Curriculum							oted by	the	xx College of Digital	Manage	ement C	urriculum Committee;	113/09/	06 113	academic year 1st semester,	adopte	d by t	he l s	ŧ

