Undergraduate division curricular planning
Department of Aviation Technology, Chaoyang University of Technology
(applicable to day division students enrolled in 2024)

Academic Year		First Year						Second Year						Third Year						Fourth Year					
Semester		First Semester			Second Semester			First Semester			Second Semester			First Semester			Second Semester			First Semester			Second Semester		
		Subject	Hours	Credit	Subject	Hours	Credit	Subject	Hours	Credit	Subject	Hours	Credit	Subject	Hours	Credit	Subject	Hours	Credit	Subject	Hours	Credit	Subject	Hours	Credit
University Requirements		體育(體適能) Topics in Physical Education (Fitness)	2	2	生活英文 Everyday English	2	2	職場英文 Workplace English	2	2	職場英文 Workplace English	2	2												
		生活英文 Everyday English	2	2	體育(體適能) Topics in Physical Education (Fitness)	2	2	人文領域 Humanities	2	2	綜合領域 Miscellaneou	2	2												
		勞作教育 Labor Service Education	1	1	勞作教育 Labor Service Education	1	1				社會領域 Social care	2	2												
		資通訊與AI應用 Information and communication and AI application	2	2	中文鑑賞與應用 Appreciation and Application of Chinese	2	2																		
Subtotal			7	7		7	7		4	4		6	6		0	0		0	0		0	0		0	0
Required Courses		航空駕駛知識(一) Aeronautical Knowledge (I)	3	3	航空駕駛知識(二) Aeronautical Knowledge (II)	3	3	飛航原理與實作(一) Flight Theory and Practices (I)	3	3	飛航原理與實作(二) Flight Theory and Practices (II)	3	3	進階航空英語(一) Advanced Aviation English (1)	3	3	進階航空英語(二) Advanced Aviation English (2)	3	3						
		航空應用數理(一) Aviation Mathematics (I)	3	3	航空應用數理(二) Aviation Mathematics (II)	3	3	初階航空英語(一) Aviation English basics (I)	3	3	初階航空英語(二) Aviation English basics (II)	3	3	航空器飛航作業規範 Aircraft Flight Operation Regulations	3	3	航空安全管理 Aviation Safety Management	3	3						
		邏輯思考與運算 Programming logics and computation	3	3	航空運輸學 Air Transportation	3	3	機坪作業與安全 Ramp Operation and Safety	2	2	航空器載重平衡 Weight and Balance	2	2												
		民航產業概論 Introduction to Civil Aviation	2	2	飛航管制概論 Fundamentals of air traffic control	3	3	航空氣象學 Aviation Meteorology	3	3	航空場站運作與管理 Airport Operations and Management	3	3												
		國際民航法 International Civil Aviation Laws	2	2	民用航空法 Civil Aviation Law	3	3																		
		運輸學 Transportation	2	2																					
Subtotal			15	15		15	15		11	11		11	11		6	6		6	6		0	0		0	0
		航空應用數理(一)演練 The Practice of Aviation Mathematics (I)	1	1	航空應用數理(二)演練 The Practice of Aviation Mathematics (II)	1	1	普通航空業經營實務 General Aviation Business Practice	2	2	航空票務與訂位系統 Airline Ticketing and Computerized Reservation System	2	2	航空情報與飛航指南 Aeronautical information publication	2	2	民航產業個案研究 Civil Aviation Industry Case Studies	2	2	航空器適航與驗證 Aircraft Airworthiness Certification	2	2	航空休閒與運動 Aviation Leisure Sport	2	2

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Elective Courses	航空職涯探索 Aviation Career Exploration	2	2	美姿美儀 Elegant Posture and Grooming Course	2	2	航空公司陸側作業實務 Airport Landside Operations for Airlines	2	2	滋擾旅客與客訴處理 Unruly Passenger and Complaints Handling	2	2	航空生理心理學 Aviation Physiology and Psychology	2	2	航空環境保護實務 Aviation Environment Protection	2	2	基礎航空器維護 Basic Airplane Maintenance	2	2	飛航事故調查實務 Aviation Occurrence Investigation	2	2
							航空職場禮儀 Aviation Workplace Etiquette	2	2	航空服務實務 Airline Service Practices	2	2	民用航空業經營實務 Civil aviation industry operation practices	2	2	組員資源管理 Crew Resource Management	2	2	儀器飛航程序 Instrument Flight Procedure	2	2	直升機飛行原理 Flight Theory in Helicopter	2	2
				機場空側作業實務 Airport Airside Operations Practice	2	2				航空應用統計 Aviation Applied Statistics	2	2							航空器性能導航 Performance-based Navigation	2	2	基礎空氣動力學 Fundamental Aerodynamics	2	2
																			實務實習(一) Skills and Practices（Ⅰ）	4	4	實務實習(三) Skills and Practices (III)	4	4
																			實務實習(二) Skills and Practices (II)	5	5	實務實習(四) Skills and Practices (IV)	5	5
																			實務專題(一) Special Topics (I)	3	3	實務專題(二) Special Topics (Ⅱ)	3	3
Aviation and Air Transport Program for special-achievement-based-admission students																							
	航務運務概論 Introduction to Airline Operations	2	2	空勤實務概論 Introduction to Cabin Crew Practice	2	2																		
Cabin Operations																							
												飛航管理程序 Air Traffic Management Procedures	3	3	航務作業與簽派實務 Flight Operation and Dispatch	3	3						
												航空器系統 Aircraft Systems	2	2	客艙安全實務 Cabin Safety Practice	2	2						
Airport Operations																							
												民用機場設計與運作 Civil Aerodrome Design and Operation	3	3	機隊規劃與採購實務 Fleet Planning and Purchasing	3	3						
												航空保安與危險品 Aviation Security and Dangerous Goods	2	2	低成本航空經營管理 Low Cost Carrier Management	2	2						
Subtotal		5	5		5	5		8	8		8	8		16	16		16	16		20	20		20	20

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University Requirements	9 Courses 24 Credits																							
Required Courses	23 Courses 64 Credits																							
Elective Courses	Minimum elective 30 Credits																							
Recognition limit of credits provided by other departments	10 Credits																							
Total Requirement	132 Credits																							

一、全校性規定：
(一)修習通過語言中心開設之「菁英英文」校訂選修課程，可以分別替代通識英文必修課程，詳細課程內容及替代方式請參閱語言中心網站及相關規定。
(二)日間部四技生修習通識教育中心開設之創造力課程，通過者皆可認列為「專業選修學分」。
(三)修習通識教育中心開設之基礎通識(必修18學分)及核心通識(至少6學分，分為人文領域、社會領域、自然科學領域、綜合領域等四領域)課程者，達24學分之後，有超修者，得認列為通識之自由選修學分。
(四)通識之「自由選修」至多為4學分，含未認列之院通識課程、跨院系學程、微學程、微型課程、校訂選修及第三條所記超修「核心通識」課程。

二、航空學院規定：
(一)航空學院所開設之專業選修課程，所屬各系應認列為各系專業選修學分或可承認之非本系學分數。
(二)航空學院各系學生資訊證照畢業門檻以及「邏輯思考與運算」課程及格門檻，條件依各系之規定。
(三)課程有標註「#」者為技優生必選修，技優生修畢後可替代系之專業選修學分。

三、本系之規定：
(一)日間部四技生之專業選修30學分中，至少應選擇「空勤事務組」或「場站事務組」其中一類為專業選修模組，並選修該模組10學分(含)以上。
(二)第四學年未赴校外實施實務實習者，實務專題應列為必修。長榮航空飛行學院進階飛行訓練課程可依時數認抵實務實習學分(每一實習學分數可折抵80小時計算)。
(三)實務實習規定：
　　1、實習總小時數少於320小時者，應選修該學期實務實習(一)或實務實習(三)。
　　2、實習總小時達320小時以上者，應選修實務實習(一)及實務實習(二)或實務實習(三)及實務實習(四)。
(四)英文能力畢業門檻：取得畢業前兩年內之多益成績650分(含)以上；未達650分但滿足實習就業合作單位要求標準，須加修一門指定英文課程；進階飛行訓練課程應滿足航空公司聘任之英文要求標準，方得報考航空公司駕駛員。
(五)學生資訊能力畢業門檻：取得TQC Office軟體應用類三認證項目(Word，Excel，Power Point)中之任一張證照或取得中華民國技術士證—電腦軟體應用類證照方達門檻。
(六)課程有標註「#」者為學院開設之技優生必選修課程，技優生修畢後可認列為本系專業選修學分。

備註：可承認之非本系學分數上限可包含航空學院開設之專業選修課程、外系學分、課程規劃中未有之本系課程、超修的本系專業選修學分或校訂必修及選修學分。

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Regulations regarding course plan:
(1)Students who pass 'Elite English ' offered by the Language Center are only eligible to waive credits for the required English courses offered by the General Education Center.For details, please visit the Language Center website.
(2)For four-year day division students, General Education Center offers Innovation courses which can be certified as 'professional elective credits' .
(3)The requirement of General Education consists of Basic General Education (18 Credits required) and Core General Education (at least 6 Credits selected from the fields of Humanities, Society, Nature and Miscellaneous interest). Extra credits taken from the General Education Center can be certified as 'General Education free selective credits' .
(4)Four credits are required as the General Education free elective credits. These credits can be taken from College General Education courses, interdisciplinary study programs, miniature study programs , miniature courses or university-approved elective courses. The credits granted as free elective credits can not be used to fulfill other requirements. Extra credits taken from Core General Education courses mentioned in (3) can also be granted as the G.E. free elective credits.

Course requirements:
(1)The credits earning by taking the elective courses offered by the College of Aviation should be recognized either as the courses of the department' s curriculum or as the free elective courses.
(2)The required information literacy for the bachelor' s degree should be included in the curriculum of each department. So is the passing grade of the "Programming logics and computation" course.
(3)Courses marked with "#" are compulsory for students of special achievement-based admission. Credits earned by taking such courses are recognized as the elective credits of the curriculum.

Department regulations:
1.Program Elective Requirements for Four-Year Day Division Students: Within the 30 credits of professional electives, students must choose one concentration—either " Cabin Operations" or "Airport Operations"—and complete at least 10 credits within the selected concentration.
2.Practical Internship Requirement for Fourth-Year Students: Students who do not participate in off-campus practical internships in their fourth year are required to take a mandatory practical project course. For students in the advanced flight training program at the EVA Air Flight Academy, internship credits may be granted according to training hours (each internship credit can be exchanged for 80 hours of training).
3.Practical Internship Regulations:
(1)Students who complete fewer than 320 internship hours must enroll in Practical Internship I or III.
(2)Students who complete 320 hours or more must enroll in both Practical Internship I and II, or Practical Internship III and IV.
4.English Proficiency Graduation Requirement: Students must achieve a TOEIC score of 650 or higher within two years before graduation. Those who do not reach this score but meet the standard set by cooperating internship/employment partners are required to take an additional designated English course. The advanced flight training course must meet the English proficiency requirements for airline employment to qualify students to apply for airline pilot positions.
5.Information Technology Proficiency Graduation Requirement: Students must obtain certification in at least one of the three TQC Office application categories (Word, Excel, or PowerPoint) to meet this requirement.
6.Courses marked with "#" are compulsory for students of special achievement-based admission. Credits earned by taking such courses are recognized as the elective credits of the curriculum.

Non-Departmental Credit Limit: The maximum number of non-departmental credits that may be recognized includes elective courses offered by the College of Aviation, credits from other departments, courses not included in the department's curriculum, extra departmental professional electives, or designated university-required/elective c