

嶺東科技大學111學年度入學新生課程標準

Ling Tung University Curriculum Standards in effect since 2022

Department(系所別):Program of Digital Life Design ,
Department of Information Management(資訊管理系
數位生活設計組)

College(學院):College of AI Technology(智慧科技學院)

Academic Year of Entrance(入學年):2022

Program:Four-year B.D. for Day Division(日間部四年制)

第一學年第一學期				
科目名稱	Course Title	R/E	Credits	Hours
基本勞作教育(一)	Labor Education I	R	0	2
中文閱讀與思考	Chinese Reading and Thinking	R	2	2
英文(一)	English I	R	2	2
體育(一)	Physical Education I	R	2	2
職涯與職能發展	Career and functional development	R	2	2
計算機概論	Introduction to Computer Science	R	3	3
電子商城與網路拍賣	Electronic Emporium and Internet Auction	R	3	3
人機介面設計	UI/UX Design	R	3	3
多媒體網頁設計	Multimedia Webpage Design	R	3	3
電腦繪圖	Computer Graphics	E	3	3
經濟學(一)	Economics I	E	3	3
第一學年第二學期				
科目名稱	Course Title	R/E	Credits	Hours
基本勞作教育(二)	Labor Education II	R	0	2
中文應用書寫表達	Application of Chinese	R	2	2
英文(二)	English II	R	2	2
體育(二)	Physical Education II	R	2	2
微積分(一)	Calculus I	R	3	3
自由軟體應用	Opensource Software Application	R	3	3
網頁程式設計(一)	Homepage program design 1st semester	R	3	3
管理學	Management	R	3	3
資訊科技應用	Applications of Information Technology	E	1	1
影像處理	Image Processing	E	3	3
智慧電商	Smart E-commerce	E	3	3
行動軟體應用	Mobile Software Application	E	3	3
經濟學(二)	Economics II	E	3	3
實用華語文	Practical Chinese	E	1	1
第二學年第一學期				
科目名稱	Course Title	R/E	Credits	Hours
數位應用	Digital Application	R	2	2
群己倫理與生命關懷	Ethnics and Interpersonal Relationships	R	2	2
博雅通識(一)	General Education I	R	2	2
企劃與提案	Proposal Writing	R	3	3
網頁程式設計(二)	Homepage program design II	R	3	3
統計學(一)	Statistics I	R	3	3
互動科技應用與實務	Application and Practice of Interactive Technology	E	3	3
科技創新與應用	Technology innovation and application	E	3	3
3D模型設計	Create 3D Art and Animations	E	3	3
行銷管理	Marketing Management	E	3	3
基礎程式設計	Foundation of programming design	E	3	3
會計學(一)	Accounting I	E	3	3
全民國防教育(一)	National Defense Education I	E	2	2
第二學年第二學期				
科目名稱	Course Title	R/E	Credits	Hours
博雅通識(二)	General Education II	R	2	2
職場英文	Workplace English	R	2	2
社群經營與網誌行銷	The management and marketing of the community site and blog	R	3	3
資料庫管理系統	Database Management System	R	3	3
管理資訊系統	Management Information Systems	R	3	3

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AR擴增實境	AR Augmented Reality	E	3	3
文創設計與行銷	Innovative Design and marketing	E	3	3
企業資源規劃	Enterprise Resource Planning	E	3	3
顧客關係管理	Customer Relationships Management	E	3	3
資訊網路	Information Network	E	3	3
進階網頁程式設計	Advanced Web Programming	E	3	3
物件導向程式設計 (一)	Object-oriented programming I	E	3	3
全民國防教育(二)	National Defense Education II	E	2	2
第三學年第一學期				
科目名稱	Course Title	R/E	Credits	Hours
博雅通識 (三)	General Education III	R	2	2
網路創業與管理	Internet business and Management	R	3	3
網站規劃與建置	Website planning and implementation	R	3	3
資料視覺化分析	Data Analysis and Visualization	R	3	3
科技英文	Technology in English	E	2	2
微電影拍攝與製作	Micro Film Production	E	3	3
數位內容規劃與設計	Digital Content planning and design	E	3	3
市場調查	Marketing Research	E	3	3
資料庫系統實務	Practice Database Management System	E	3	3
系統流程管理實務	System Process Management Practice	E	3	3
物件導向程式設計 (二)	Object-oriented programming II	E	3	3
VR虛擬實境	VR virtual reality	E	3	3
第三學年第二學期				
科目名稱	Course Title	R/E	Credits	Hours
博雅通識 (四)	General Education IV	R	2	2
專業英文	Professional English	R	2	2
實務專題 (一)	Practical Project I	R	2	2
系統分析與設計	Systems Analysis and Design	R	3	3
大數據分析與應用	The application and analysis of big data	E	3	3
雲端運算應用實務	Cloud computing applications	E	3	3
跨境電商實務	Cross-Border E-Commerce Practices	E	3	3
Python程式語言	Python programming language	E	3	3
行動應用程式設計	Mobile Application Desing	E	3	3
專案管理	Project Management	E	3	3
網站優化實務	Website optimization practice	E	3	3
第四學年第一學期				
科目名稱	Course Title	R/E	Credits	Hours
實務專題 (二)	Practical Project II	R	2	2
物聯網應用實務	Internet of Things applications	E	3	3
數位遊戲設計	Game Design	E	3	3
企業實習	Enterprise internship	E	3	3
資訊安全	Information security	E	3	3
機器學習	machine learning	E	3	3
資管專業實習	Professional Internship	E	4	4
第四學年第二學期				
科目名稱	Course Title	R/E	Credits	Hours
實務專題 (三)	Practical Project III	R	2	2
知識管理	Knowledge Management	E	3	3
空間資訊服務應用	Application on Location Information Service	E	3	3
商業智慧	Business Intelligence	E	3	3
區塊鏈應用	Blockchain application	E	3	3
產品設計實務	Information Technology Innovation	E	3	3

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軟體品質管理	Software Quality Managment	E	3	3
資管精進實習	Advanced Internship of Information Management	E	9	9

備註:R=Required;E=Elective

Regulations

1. The total number of credits required for graduation is 128, including 28 university-required credits, 8 college-required credits, 54 department-required credits, and 38 professional elective credits.
2. Students in their first to third years may take 16–25 credits per semester, while fourth-year students may take 9–25 credits. Detailed regulations are governed by the University Academic Regulations.
3. In accordance with the University's "Implementation Guidelines for Chinese Language Proficiency Assessment," "Implementation Guidelines for English Language Proficiency Assessment," "Implementation Guidelines for Information Literacy Assessment," "Implementation Guidelines for Health and Physical Fitness Assessment," and "Implementation Guidelines for Service Learning," students must pass the basic competency assessments in Chinese language, English language, information literacy, health and physical fitness, and service learning before they are eligible to graduate.
4. Students must meet the assessment standards stipulated in the Department's "Implementation Guidelines for Professional Competency Assessment" before they are eligible to graduate. Certificates obtained by students who pass the assessment under the University's "Implementation Guidelines for Student Information Literacy Assessment" shall also be recognized by the Department as workplace-based information application certificates.
5. The curriculum consists of two modules: the Interactive Technology Application Module and the Social Media and Website Management Module. Detailed course-taking requirements shall be handled in accordance with the course lists and regulations of each module.
6. Practical Project (I) and Practical Project (II) are offered in coordination with the Department's course module planning and are listed as required courses for each course module of the Department.
7. Students may take courses offered by other departments that are not available in this department. Upon departmental approval, up to 12 credits (including interdisciplinary program credits) may be counted toward professional elective credits. Students may also take courses at other universities, limited to one course. Credits earned will be included in the calculation of external elective credits. Inter-institutional enrollment shall follow the University's "Implementation Guidelines for Inter-Institutional Course Selection."
8. Students participating in the Ministry of National Defense Reserve Officers' Training Corps (ROTC) who have completed winter and summer training and obtained the relevant certificate may apply for credit exemption for the department's internship courses and credits. Students applying for exemption from a full-semester internship must complete registration and separately enroll in at least 3 credits during the semester in which the full-semester internship is implemented.
9. For students admitted to the Department in the 2022 academic year through the sports achievement admission pathway, credits earned from passing courses in the Sports and Health Management Program may be counted toward graduation credits. Among these, credits from the program's core courses shall be recognized as 15 credits of Department-required courses, while credits from elective courses shall be counted as 20 credits of the Department's professional elective courses.