

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 Information Management Application , Department of Information Management(資訊管理系資訊管理應用組)

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				
1st Semester First Year				
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
微積分(一)	Calculus I	R	3	3
網頁程式設計(一)	Homepage program design 1st semester	R	3	3
智慧電商	Smart E-commerce	R	3	3
管理學	Management	R	3	3
影像處理	Image Processing	E	3	3
第一學年第二學期				
2nd Semester First Year				
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
計算機概論	Introduction to Computer Science	R	3	3
網頁程式設計(二)	Homepage program design II	R	3	3
管理資訊系統	Management Information Systems	R	3	3
統計學(一)	Statistics I	R	3	3
資訊科技應用	Applications of Information Technology	E	1	1
基礎程式設計	Foundation of programming design	E	3	3
互動科技應用與實務	Application and Practice of Interactive Technology	E	3	3
電腦繪圖	Computer Graphics	E	3	3
經濟學(一)	Economics I	E	3	3
微積分(二)	Calculus II	E	3	3
實用華語文	Practical Chinese	E	1	1
第二學年第一學期				
1st Semester Second Year				
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
網站規劃與建置	Website planning and implementation	R	3	3
開放式作業系統	Open Source Operating Systems	R	3	3
資料庫管理系統	Database Management System	R	3	3
AR擴增實境	AR Augmented Reality	E	3	3
科技創新與應用	Technology innovation and application	E	3	3
自由軟體應用	Opensource Software Application	E	3	3
市場調查	Marketing Research	E	3	3
會計學(一)	Accounting I	E	3	3
統計學(二)	Statistics II	E	3	3
經濟學(二)	Economics II	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				
2nd Semester Second Year				
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
Python程式語言	Python programming language	R	3	3
資料庫系統實務	Practice Database Management System	R	3	3
系統分析與設計	Systems Analysis and Design	R	3	3

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VR虛擬實境	VR virtual reality	E	3	3
進階網頁程式設計	Advanced Web Programming	E	3	3
資料結構	Data Structure	E	3	3
行銷管理	Marketing Management	E	3	3
資料視覺化分析	Data Analysis and Visualization	E	3	3
多媒體網頁設計	Multimedia Webpage Design	E	3	3
3D圖型製作	Create 3D Art and Animations	E	3	3
Linux管理實務	Linux Server Practice	E	3	3
會計學(二)	Accounting II	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
資訊網路	Information Network	R	3	3
企業資源規劃	Enterprise Resource Planning	R	3	3
物件導向程式設計(一)	Object-oriented programming I	R	3	3
科技英文	Technology in English	E	2	2
大數據分析與應用	The application and analysis of big data	E	3	3
物聯網應用實務	Internet of Things applications	E	3	3
行動應用程式設計	Mobile Application Desing	E	3	3
數位行銷	Digital Marketing	E	3	3
網站優化實務	Website optimization practice	E	3	3
專案管理	Project Management	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)	Pratical Project I	R	2	2
顧客關係管理	Customer Relationships Management	R	3	3
雲端運算應用實務	Cloud computing applications	E	3	3
機器學習	machine learning	E	3	3
資訊安全	Information security	E	3	3
物聯網實作設計	Internet of Things practical design	E	3	3
進階行動應用程式	Mobile-business system design and implementation	E	3	3
資料庫程式設計	Database Programming	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
第四學年第一學期				
科目名稱	Course Title	R/E	Credits	Hours
實務專題(二)	Pratical Project II	R	2	2
深度學習	Deep learning	E	3	3
資料挖掘	Data Mining	E	3	3
網路安全實務	Network Security Practice	E	3	3
演算法	Algorithms	E	3	3
進階資料庫系統實務	Advanced Practice Database Management System	E	3	3
空間資訊服務應用	Application on Location Information Service	E	3	3
企業實習	Enterprise internship	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)	Pratical Project III	R	2	2
商業智慧	Business Intelligence	E	3	3

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區塊鏈應用	Blockchain application	E	3	3
知識管理	Knowledge Management	E	3	3
軟體品質管理	Software Quality Managment	E	3	3
策略管理	Decision Management	E	3	3
軟體工程	Software Engineering	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 Data Science Application Module and the Smart E-Commerce Development and Application Module. Detailed course requirements shall be handled in accordance with the course lists and study 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.