國立勤益科技大學114學年度進修部碩士在職專班資訊管理系學分計畫表

National Chin-Yi University of Technology Continuing Education Division
Curriculum for 2025 In-Service Master Program Department of Information Management

113.11.06 系課程會議通過
113.11.13、113.11.27 系務會議通過
113.12.03 院課程會議審議通過
113.12.05 校課程委員會議及113.12.24 臨時教務會議審議通過

科目	Courses	上學期First Semester			下學期Second Semester		
		學分 Credit	正課 Lecture	實習 Internship	學分 Credit	正課 Lecture	實習 Internship
共同必修科目(19學分)General Required Courses(19credits hours)							
第一學年First Year							
研究方法	Research Method	3	3	0			
科技管理	Management of Technology	3	3	0			
書報討論（一）	Seminar (I)	1	2	0			
資訊管理研究	Information Management Research				3	3	0
書報討論（二）	Seminar (II)				1	2	0
第二學年Second Year							
論文	Thesis	3	3	0			
專題研究（一）	Research Seminar (I)	1	2	0			
論文	Thesis				3	3	0
專題研究（二）	Research Seminar (II)				1	2	0

科目	Courses	上學期First Semester			下學期Second Semester		
		學分 Credit	正課 Lecture	實習 Internship	學分 Credit	正課 Lecture	實習 Internship
專業選修科目Department Electives Courses							
第二學年Second Year							
企業觀摩與研習	Enterprise Observation and Study	3	3	0			

科目	Courses	學分Credit	正課Lecture	實習 Internship
研發科技領域R&D Technology Field				
專利與研發	Patents and R&D	3	3	0
企業創新與管理	Business Innovation and Management	3	3	0
萃思創意思考與應用	TRIZ-Innovative Thinking and Application	3	3	0
產業技術地圖規劃	Technology Roadmap- Theory and Practice	3	3	0
智慧財產權特論	Topics in Intelligence Property Right	3	3	0
產業研發技術	Industrial R&D Technology	3	3	0
產品設計原理	Product Design Principle	3	3	0
創新及創業管理	Innovation and Entrepreneurial Management	3	3	0
服務創新與管理	Service Innovation and Management	3	3	0
創新管理個案研討	Innovation Management Case Study	3	3	0
創意思考	Innovative Thinking	3	3	0
綠色能源應用與管理	Green Energy Applications and Management	3	3	0
新產品開發管理	New Product Development and Management	3	3	0
產品生命週期管理	Product Lifecycle Management	3	3	0
資訊管理領域Information Management Field				
企業電子化策略	e-Business Strategy	3	3	0
專案管理	Project Management	3	3	0
高科技品質管理	High Technical Quality Management	3	3	0
產業經營與策略管理	Industrial Operations and Strategy Management	3	3	0
多變量分析	Multivariate Analysis	3	3	0
企業資源規劃	Enterprise Resource Planning	3	3	0
科技法律	Technology Law	3	3	0
科技行銷管理	Marketing of High-Technology	3	3	0
演算法	Algorithms	3	3	0
資訊安全	Information Security	3	3	0
雲端運算	Cloud Computing	3	3	0
物聯網應用與實務	IoT Application Practice	3	3	0
資料探勘	Data Mining	3	3	0
資料層級分析	Data Hierarchical Analysis	3	3	0
巨量資料分析	Big Data Analytics	3	3	0
新產品開發管理	New Product Development and Management	3	3	0
資料視覺化與分析	Data Visualization and Interpretation	3	3	0
建築資訊模型建置概論	Introduction to Building Information Modeling	3	3	0
決策分析	Strategic Analysis	3	3	0
人力資源管理	Human Resource Management	3	3	0

學分/時數統計 Credit/Hour Total	第一學年First Year				第二學年Second Year				第三學年Third Year				第四學年Fourth Year			
	上學期 First Semester		下學期 Second Semester		上學期 First Semester		下學期 Second Semester		上學期 First Semester		下學期 Second Semester		上學期 First Semester		下學期 Second Semester	
	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour
必修科目學分/時數 Required Courses Credit / Hour	2	2	2	2	3	3	3	3	0	0	0	0	0	0	0	0
最低選修科目學分/時數 Minimum Electives Courses Credit / Hour	12	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0
總學分數/時數累計 Credits / Hours Total	14	14	14	14	3	3	3	3	0	0	0	0	0	0	0	0

備註Note:

一、 畢業至少應修滿37學分【必修19學分（含論文6學分），選修至少18學分】
For a Master’s degree, each student should complete at least 37 credits, including 19credits of required courses, 6 credits of thesis and 18 credits of elective courses.

二、 研究生必須通過碩士班論文口試，方准予畢業。
Graduate students are only qualified for graduation after passing the thesis oral examination of the master's program and will be awarded with the master’s degree according to law by the time of graduation.

三、 學生應於申請學位考試前至「教育部臺灣學術倫理教育資源中心」網路平臺完成學術研究倫理教育課程，至少6小時課程。
Students need to complete the academic research ethics education course for at least 6 hours before the final defence application.

四、 每一領域選修課程，至少必須各選修一門。
You are required to take at least one course in each category of elective courses.

五、 課程名稱前有標示「△」符號者，為「程式設計課程」。
Courses with a “△” refers to an application design course.

六、 課程名稱前有標示「●」符號者，為「職能專業課程」。
Courses with a “●” refer to a professional competence course.

七、 課程名稱前有標示「AI」符號者，為「人工智慧相關課程」。
Courses with an “AI” refer to an artificial intelligence related course.

八、 為因應法規變更、評鑑建議或政府計畫規定等外在因素，本系保有調整學分計畫之權利。若有修訂，將於學期開始前公告，並明確說明修訂內容、影響範圍及相關配套措施，以保障學生權益。
The department reserves the right to adjust the curriculum in response to external factors such as changes in regulations, suggestions of evaluation and accreditation, or government program regulations. If there are any revisions, will be announced before the start of the semester, and the revised content, scope of impact, and related supporting measures will be clearly stated to protect the rights and interests of students.