

Department of Mathematics and Information Education

Micro-credit Course for Technology Domain Teaching Competency

Curriculum Structure & Course Title

This curriculum is effective from the Second Semester of the 2024-2025 Academic Year

Course title	科目名稱	Required/ Elective	Credits	Grade	Remark
Application of Artificial Intelligence in Education	人工智慧在教育上的應用	Required	2	1-2	
Teaching Materials and Methods of Technology Field	科技領域教材教法	Required	2	3-1	
Computer and Cloud Applications	計算機與雲端應用	Elective	2	1-2	
Visual programming language	視覺化程式設計語言	Elective	3	1-2	
Creative and Design Thinking	創意與設計思考	Elective	3	2-1	
Technology Literacy and Ethics	科技素養與倫理	Elective	2	2-2	
Digital Design and Production	數位設計與製作	Elective	3	2-2	
Information Security and Ethics	資訊安全與倫理	Elective	3	4-1	
Innovative Technology and Application	創新科技與應用	Elective	3	4-2	