# 嶺東科技大學114學年度入學新生課程標準
# Ling Tung University Curriculum Standards in effect since 2025

Department(系所別):Information Technology(資訊科技系碩士班)　College(學院):College of AI Technology(智慧科技學院)

Academic Year of Entrance(入學年):2025

Program:M.D. for Day Division(日間學制碩士班)

| 第一學年第一學期 | 1st Semester First Year | | | |
|---|---|---|---|---|
| 科目名稱 | Course Title | R/E | Credits | Hours |
| 書報討論（一） | Seminar I | R | 2 | 2 |
| 資料庫規劃與設計 | Database Planning and Design | E | 3 | 3 |
| 政策與經營管理 | Policy and Business Management | E | 3 | 3 |
| 人工智慧應用 | Artificial Intelligence Applications | E | 3 | 3 |
| 基礎應用數學 | Applied Mathematics Basics | E | 3 | 3 |
| 線性代數 | Linear Algebra | E | 3 | 3 |
| 雲端運算應用 | Application of Cloud Computing | E | 3 | 3 |
| 統計分析軟體應用 | Statistical Analysis Software Practice | 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 |
| 書報討論（二） | Seminar II | R | 2 | 2 |
| 英文寫作方法 | English Papers Writing | E | 3 | 3 |
| 計算機網路 | Computer networks | E | 3 | 3 |
| 行銷策略講座 | Marketing Strategy Seminar | E | 3 | 3 |
| 機率與統計 | Probability and Statistics | E | 3 | 3 |
| 資訊安全專題 | Special Topics On Information Security | E | 3 | 3 |
| 圖像處理與識別 | Image Processing and Recognition | E | 3 | 3 |
| 密碼學 | Cryptography | E | 3 | 3 |
| 第二學年第一學期 | 1st Semester Second Year | | | |
| 科目名稱 | Course Title | R/E | Credits | Hours |
| 碩士論文 | Master Thesis | R | 3 | 3 |
| 書報討論（三） | Seminar III | E | 2 | 2 |
| 網路系統與安全 | Network System and Security | E | 3 | 3 |
| 離散數學 | Discrete Mathematics | E | 3 | 3 |
| 分散式資料庫系統 | Distributed Database Systems | E | 3 | 3 |
| 深度學習應用 | Application of Deep Learning | E | 3 | 3 |
| 軟體工程 | Software Engineering | E | 3 | 3 |
| 第二學年第二學期 | 2nd Semester Second Year | | | |
| 科目名稱 | Course Title | R/E | Credits | Hours |
| 碩士論文 | Master Thesis | R | 3 | 3 |
| 書報討論（四） | Seminar IV | E | 2 | 2 |
| 高等演算法 | Advanced Algorithm | E | 3 | 3 |
| 最佳化原理 | Principles of Optimization | E | 3 | 3 |
| 多媒體安全 | Multimedia Security | E | 3 | 3 |
| 圖形理論 | Graph Theory | E | 3 | 3 |
| 網路攻防演練 | Cybersecurity Exercise | E | 3 | 3 |

備註:R=Required;E=Elective