

# 元智大學 電機工程學系 碩士在職專班 選修科目表

## (113 學年度入學新生適用)

### Department of Electrical Engineering, Yuan Ze University List of Elective Courses for Executive Master Program (For Fall 2023 Admits)

113.03.26 112-3 電機通訊學院課程委員會議  
113.05.01 112-05 教務會議(待審)

課號	Name	Credit	Ename
EE802	計算機視覺	3	Computer Vision
EE803	信號偵測	3	Signal Detection
EE804	隨機訊號處理	3	Random Signal Processing
EE805	資料科學	3	Data Science
EE806	深度學習與視覺應用	3	Deep Learning and its Vision Applications
EE807	臨床神經影像系統與數據分析	3	Clinical Neuroimage: Systems and Data Analysis
EE808	強化學習	3	Reinforcement Learning
EE809	可適性訊號處理	3	Adaptive Signal Processing
EE845	數位信號處理	3	Digital Signal Processing
EE846	高頻電路設計	3	High Frequency Circuit Design
EE847	行動通訊	3	Mobile Communications
EE848	無線通訊與應用	3	Wireless Communications and Application
EE849	影像處理	3	Image Processing
EE850	天線設計實作與量測	3	Antenna Design and Characteristic Measurement
EE851	行動通訊射頻系統設計簡介	3	Introduction to RF System Design for Mobile Communications Systems
EE852	科技創新與前瞻思維	3	Science & Technology Innovation and Foresight Thinking
EE853	高科技產業研析與最佳應用實務	3	Analysis and Best Practice to High-Tech Industry
EE854	行動通訊標準與開放架構研析		Analysis of Mobile Communication Standards and Open Architectures
EE855	電信管理虛擬化與資訊安全		Telecommunications Management Virtualization and Information Security
EE880	傅立葉光學	3	Fourier Optics
EE881	影像檢測技術	3	Image Inspection and Detection Technique
EE882	矽光子學導論	3	An Introduction to Silicon Photonics
EE883	機器學習與其應用	3	Machine Learning and Its Applications
EE884	人工智慧與其應用	3	Artificial Intelligence and Its Applications
EE885	光電積體電路	3	Electrooptical Integrated Circuits