Higher Diploma in Applied Artificial Intelligence **Full Programme Modules**
應用人工智能高級文憑 **課程科目概覽**

Year 1	
Academic English Skills	學術英語技巧
Engineering Math I (discrete mathematics, probability, and statistics)	工程數學 I（離散數學、機率與統計）
Introduction to Computer Programming	電腦程式導論
Computer Architecture and Organisation	電腦結構與組成
IT Professional Society	IT 專業人員在社會
Engineering Math II (calculus and linear algebra)	工程數學 II（微積分與線性代數）
Professional English Communication	專業英語傳意
Data Structure and Algorithms	數據結構與算法
Networking Fundamentals	網絡基礎
Artificial Intelligence Fundamentals	人工智能基礎

Year 2	
Introduction to Database System	數據庫導論
Data Science	數據科學
Machine Learning I	機器學習 I
Introduction to Image Processing	圖像處理導論
Deep Learning	深度學習
AI Applications in Robotics	AI 機器人應用
Big Data Processing	大數據處理
AI Applications in Internet of Things	AI 物聯網實踐
Python and its Application in Practice	Python 及其應用實踐
AI Engineering Project	人工智能研習