國立勤益科技大學進修部四年制113學年度智慧自動化工程系學分計畫表

National Chin-Yi University of Technology Continuing Education Division Curriculum for 2024 Four-Year Bachelor Program of Department of Intelligent Automation Engineering

> 112.10.24系課程委員會及112.11.07系務會議審議通過 112.11.23院課程委員會審議 112.12.07.校課程委員會議及112.12.21. 臨時教務會議審議通過 113.3.19系課程委員會、113.3.19系務會議修訂通過 113.5.14院課程委員會修訂通過 113.5.21.校課程委員會議及113.6.6. 臨時教務會議審議修訂通過

| | | 上學: | 加First Sei | mester | b. 臨時教務會議審議修訂逋過 下學期Second Semester | | | | |
|---|---|---------------------------------------|--|---|---------------------------------------|------------------|-----------------------|--|--|
| 科目 | Courses | 學分 Credit | 正課 | 實習 Internship | 學分 Credit | 正課 | 實習 Internship | | |
| | 共同必修科目(28學分)General Required Cours | ses(28cred | its hours | 3) | | | | | |
| | 第一學年First Year | | | | | | | | |
| 國文(一) | Chinese (I) | 3 | 3 | 0 | | | | | |
| 大一英文 (一) | Freshman English (I) | 2 | 2 | 0 | | | | | |
| 英文聽講 (一) | English Listening and Speaking (I) | 1 | 1 | 0 | | | | | |
| 體育(一) | Physical Education (I) | 0 | 2 | 0 | | | | | |
| 國文(二) | Chinese (II) | | | | 3 | 3 | 0 | | |
| 大一英文 (二) | Freshman English (II) | | | | 2 | 2 | 0 | | |
| 英文聽講 (二) | English Listening and Speaking (II) | | | | 1 | 1 | 0 | | |
| 體育(二) | Physical Education (II) | | | | 0 | 2 | 0 | | |
| | 第二學年Second Year | | | | | | | | |
| 歷史與文化(一) | History and Culture (I) | 2 | 2 | 0 | | | | | |
| 音樂鑑賞(一) | Music Appreciation (I) | 1 | 1 | 0 | | | | | |
| 體育(三) | Physical Education (III) | 0 | 2 | 0 | | | | | |
| 歷史與文化(二) | History and Culture (II) | | | | 2 | 2 | 0 | | |
| 音樂鑑賞(二) | Music Appreciation (II) | | | | 1 | 1 | 0 | | |
| 藝術鑑賞(一) | Art Appreciation (I) | | | | 1 | 1 | 0 | | |
| 體育(四) | Physical Education (IV) | | | | 0 | 2 | 0 | | |
| | 第三學年Third Year | | | | | | | | |
| 博雅通識課程 | Liberal Education Curriculums | 2 | 2 | 0 | | | | | |
| 憲法與民主 (一) | Constitution and Democracy (I) | 2 | 2 | 0 | | | | | |
| 藝術鑑賞(二) | Art Appreciation (II) | 1 | 1 | 0 | | | | | |
| 博雅通識課程 | Liberal Education Curriculums | | | | 2 | 2 | 0 | | |
| 憲法與民主(二) | Constitution and Democracy (II) | | | | 2 | 2 | 0 | | |
| | | 上學 | Second Se | emester | | | | | |
| | | | | | | | | | |
| 科目 | Courses | 學分 | 正課 | 實習 | 學分 | 正課 | 實習 | | |
| 科目 | | Credit | 正課 Lecture | Internship | | | 實習 Internship | | |
| 科目 | 專業必修科目(75學分)Department Required Cou | Credit | 正課 Lecture | Internship | 學分 | | | | |
| | 專業必修科目(75學分)Department Required Cou 第一學年First Year | Credit rses(75cre | 正課 Lecture edits hou | Internship rs) | 學分 | | | | |
| 微積分(一) | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) | Credit rses(75cre | 正課 Lecture edits hou | Internship rs) | 學分 | | | | |
| 微積分(一) ●△程式語言(一) | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) | Credit | 正課 Lecture edits hou | Internship rs) | 學分 | | | | |
| 微積分(一) | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing | Credit rses(75cre | 正課 Lecture edits hou | Internship rs) | 學分 | | | | |
| 微積分(一) ●△程式語言(一) | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) | Credit | 正課 Lecture edits hou | Internship rs) | 學分 | | | | |
| 微積分(一) ● △程式語言(一)● 電腦輔助機械製圖 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation | Credit rses(75cre 3 3 3 3 | 正課 Lecture edits hou | Internship rs) | 學分 | | | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) | Credit rses(75cre 3 3 3 3 | 正課 Lecture edits hou | Internship rs) | 學分 Credit | Lecture | Internship | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering | Credit rses(75cre 3 3 3 3 | 正課 Lecture edits hou | Internship rs) | 學分 Credit | Lecture | Internship | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics | Credit rses(75cre 3 3 3 3 | 正課 Lecture edits hou | Internship rs) | 學分 Credit | Lecture 3 | 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) | Credit rses(75cre 3 3 3 3 | 正課 Lecture edits hou | Internship rs) | 學分 Credit | 3 3 3 | 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 | Credit rses(75cre 3 3 3 3 | 正課 Lecture edits hou | Internship rs) | 學分 Credit | 3 3 3 | 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year | Credit | 正課 Lecture edits hou | 0 0 3 0 0 | 學分 Credit | 3 3 3 | 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 靜力學 ●「AI」工業4.0概論 工程數學 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics | Credit | 正課 Lecture edits hou | 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 學分 Credit | 3 3 3 | 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice | Credit | 正課 Lecture edits hou | | 學分 Credit | 3 3 3 | 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials | 3 3 2 | Letture dits hou | | 學分 Credit | 3 3 3 | 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 靜力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 ●「AI」人工智慧概論 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials Introduction to Artificial Intelligence | 3 3 3 3 3 3 3 3 3 3 | ER Lecture edits hour states and states are states as a second state and states are states as a second state are states are states as a second state are states a | nternship rs 0 | 學分 Credit | 3 3 3 | 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 ●「AI」人工智慧概論 ●工業電子學與實習 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials Introduction to Artificial Intelligence Industrial Electronics and Practice | 3 3 3 3 3 3 3 3 3 3 | ER Lecture edits hour states and states are states as a second state and states are states as a second state are states as a second | nternship rs 0 | 学分 Credit | 3 3 3 2 | 0 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 ●「AI」人工智慧概論 ●工業電子學與實習 熱流工程概論 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials Introduction to Artificial Intelligence Industrial Electronics and Practice Introduction to Thermal-Fluid Engineering | 3 3 3 3 3 3 3 3 3 3 | ER Lecture edits hour states and states are states as a second state and states are states as a second state are states as a second | nternship rs 0 | 学分 Credit | 3 3 3 2 | 0 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 ●「AI」人工智慧概論 ●工業電子學與實習 熱流工程概論 ●「AI」△機器學習 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials Introduction to Artificial Intelligence Industrial Electronics and Practice Introduction to Thermal-Fluid Engineering | 3 3 3 3 3 3 3 3 3 3 | ER Lecture edits hour states and states are states as a second state and states are states as a second state are states as a second | nternship rs 0 | 学分 Credit | 3 3 3 2 | 0 0 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 ●「AI」人工智慧概論 ●工業電子學與實習 熱流工程概論 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials Introduction to Artificial Intelligence Industrial Electronics and Practice Introduction to Thermal-Fluid Engineering Machine Learning Computer Aided Engineering Analysis | 3 3 3 3 3 3 3 3 3 3 | ER Lecture edits hour states and states are states as a second state and states are states as a second state are states as a second | nternship rs 0 | 学分 Credit | 3 3 3 2 | 0 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 ●「AI」人工智慧概論 ●工業電子學與實習 熟流工程概論 ●「AI」△機器學習 ●電腦輔助工程分析 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials Introduction to Artificial Intelligence Industrial Electronics and Practice Introduction to Thermal-Fluid Engineering Machine Learning Computer Aided Engineering Analysis 第三學年Third Year | 3 3 3 3 3 3 3 3 3 3 | ER Lecture edits hou | | 学分 Credit | 3 3 3 2 | 0 0 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 ●「AI」人工智慧概論 ●工業電子學與實習 熱流工程概論 ●「AI」△機器學習 ●電腦輔助工程分析 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials Introduction to Artificial Intelligence Industrial Electronics and Practice Introduction to Thermal-Fluid Engineering Machine Learning Computer Aided Engineering Analysis 第三學年Third Year Sequence Control and Practice | 3 3 3 3 3 3 3 3 3 3 | 正課 Lecture edits hou 3 3 0 2 3 0 3 3 0 2 | | 学分 Credit | 3 3 3 2 | 0 0 0 0 | | |
| 微積分(一) ●△程式語言(一) ●電腦輔助機械製圖 ●「AI」智慧自動化工程概論 微積分(二) ●△程式語言(二) 静力學 ●「AI」工業4.0概論 工程數學 ●精密量測原理與實習 動力學 材料力學 ●「AI」人工智慧概論 ●工業電子學與實習 熱流工程概論 ●「AI」△機器學習 ●電腦輔助工程分析 | 專業必修科目(75學分)Department Required Cou 第一學年First Year Calculus (I) Computer Programming (I) Computer Aided Mechanical Drawing Introduction to Intelligent Automation Engineering Calculus (II) Computer Programming (II) Statics Introduction to Industry 4.0 第二學年Second Year Engineering Mathematics Precision Measurement and Practice Dynamics Mechanics of Materials Introduction to Artificial Intelligence Industrial Electronics and Practice Introduction to Thermal-Fluid Engineering Machine Learning Computer Aided Engineering Analysis 第三學年Third Year | 3 3 3 3 3 3 3 3 3 3 | ER Lecture edits hou | | 学分 Credit | 3 3 3 2 | 0 0 0 0 | | |

| ●半導體材料及先進材料概論 | Introduction of Semiconductor Materials and Advanced Materials | 3 | 3 | 0 | | | <u> </u> |
|--|---|--------------|----------------|------------------|--------------|---------------|----------------|
| ●「AI」△物聯網應用與實習 | Internet of Things and Practice | | | | 3 | 0 | 3 |
| 機光電整合系統設計與實習 | Mechatronics System Design and Practice | | | | 3 | 0 | 3 |
| ●感測器原理應用與實習 | Practice and Applications of Sensors | | | | 3 | 0 | 3 |
| ●半導體設備設計應用概論 | Introduction to Semiconductor Equipment Design and Application | | | | 3 | 3 | 0 |
| ●系統工程概論 | Introduction to System Engineering | | | | 3 | 2 | 1 |
| 심고 | | | 明First Se | | | Second Se | |
| 科目 | Courses | 學分 Credit | 正課 Lecture | 實習 Internship | 學分 Credit | 正課 Lecture | 實習 Internsh |
| | 專業選修科目Department Electives | Courses | | | | | |
| | 第三學年Third Year | 1 | | | | | |
| ●生產品質工程實務 | Production Quality Engineering Practice | 3 | 3 | 0 | | | <u> </u> |
| ●風能系統概論 | Introduction to Wind Power Generation System | 3 | 3 | 0 | | | <u> </u> |
| 製造學 | Manufacturing Processes | 3 | 3 | 0 | | | <u> </u> |
| ●△微電腦控制與實習 | Microcomputer Control and Practice | 3 | 0 | 3 | | | ļ |
| ●機械設計實習 | Mechanical Design Practice | 3 | 0 | 3 | | | <u> </u> |
| ●「AI」△工業影像檢測與分析 | Industrial Image Detection and Analysis | | | | 3 | 0 | 3 |
| ●精密模具設計與加工 | Precision Mold Design and Manufacturing | | | | 3 | 0 | 3 |
| ●工具機系統設計實務 | Practice and Design of Machine Tool System | | | | 3 | 3 | 0 |
| ●△網宇實體系統應用實務 ●「AI △ 1 工知基準型 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Practice of Cyber Physical System | | | | 3 | 0 | 3 |
| ●「AI」△人工智慧與數位設計 技術 | Artificial Intelligence and Digital Design Technology | | | | 3 | 0 | 3 |
| 工程管理 | Engineering Management | | | | 2 | 2 | 0 |
| | 智慧製造應用模組 | | | | | | |
| ●多軸精密加工實務技術 | Practical Technology of Multi-axis Precision | 3 | 0 | 3 | | | |
| ●雲端生產數據導論 | Machining Introduction to Cloud Production Data | 3 | 3 | 0 | | | |
| ●芸 | Fault Diagnosis and Prediction of Mechanical | 0 | 0 | U | | 1 | |
| D AI」機械示統政學影斷與頂 則實務 | System | | | | 3 | 0 | 3 |
| ●△機器人程式設計 | Programing and Robotics | | | | 3 | 0 | 3 |
| | 機光電整合應用模組 | | | | | | |
| ●數值分析 | Numerical Analysis | 3 | 3 | 0 | | | |
| ●△自動化光學檢測 | Automated Optical Inspection | 3 | 1 | 2 | | | |
| ●△資料處理與統計分析 | Data Processing and Statistical Analysis | | | | 3 | 2 | 1 |
| | 第四學年Fourth Year | | | | | | 1 |
| ■工具機控制器實務 | Practice of Controllers for Machine Tools | 3 | 0 | 3 | | | |
| ●△工業APP設計實務 | Practice of Industrial APP Design | 3 | 0 | 3 | | | <u> </u> |
| 企業社會責任 | Corporate Social Responsibility | 3 | 2 | 1 | | | <u> </u> |
| 專利分析 | Patent Analysis | 2 | 2 | 0 | | | <u> </u> |
| 科技英文 | English for Science and Technology | 2 | 2 | 0 | | | <u> </u> |
| ●離岸風電運維與自動化實務 | Offshore Wind Farm: O&M and Automation Practice | 3 | 3 | 0 | | | |
| ●「AI」巨量資料處理概論 | Introduction to Mass Data Processing | | | | 3 | 3 | 0 |
| ●「AI」智能工廠實務 | Smart Factory Practice | | | | 3 | 0 | 3 |
| ●「AI」企業智慧自動化的輔導 案例分析 | Case Study of Enterprise Intelligent Automation Counseling | | | | 3 | 1 | 2 |
| 工業安全 | Industrial Safety | | | | 2 | 2 | 0 |
| | 智慧製造應用模組 | | • | | | • | |
| ●「AI」大數據於智慧製造應用 | Big Data in Smart Manufacturing Application | 3 | 3 | 0 | | | |
| ●高等電腦數位同步模擬分析 | Advanced Computer Digital Synchronization Simulation Analysis | 3 | 3 | 0 | | | |
| ●「AI」△智慧機械聯網整合技 | Networking Technology of Intelligent | | | | 3 | 0 | 3 |
| 析 ●先進製造實務 | Mechanical Advanced Manufacturing Practice | | - | | 3 | 0 | 3 |
| ~ x 30 | 機光電整合應用模組 | I | <u> </u> | | | ı ~ | |
| ●△工業用機器人 | Industrial Robot | 3 | 3 | 0 | | | |
| ●醫工設備概論 | Introduction to Biomedical Engineering Instrumentation | 3 | 3 | 0 | | | |
| ●自動化量測實務 | Automated Measurement Practice | | | | 3 | 0 | 3 |
| ●「AI」△智能設備開發應用實 | Equipment Development and Application | | | | 3 | 0 | 3 |
| 務 | Practice | 上學 | J 関First Se | mester | | Second Se | _ |
| 40 -4 | Courses | 學分 | 正課 | 實習 | 學分 | 正課 | 實習 |
| 科目 | | Credit | Lecture | Internship | Credit | Lecture | Internsh |

| 全民國防教育軍事訓練(一) | | All-Out Defense Education Military Training (I) | | | | | | | 1 | 2 | | 0 | | | | |
|---|--------------|---|--------------|----------------|-----------------------|------------|------------------------|------------|-----------------------|------------|------------------------|------------|-----------------|---------------|--------------|----------------|
| 全民國防教育軍事訓練(二) | | All-Out Defense Education Military Training (II) | | | | | | | | | | | 1 | 2 | | 0 |
| | | | | | 第二 | 二學年S | econd Y | ear | | | - | | | | | |
| 全民國防教育軍事訓練(三) | | All-Out Defense Education Military Training (III) | | | | | | ing | 1 | 2 | | 0 | | | | |
| 全民國防教育軍事訓練(四) | | All-Out Defense Education Military Training (IV) | | | | | | | | | | | 1 | 2 | | 0 |
| 第三學年Third Year | | | | | | | | | | | | | | | | |
| 全民國防教育軍事訓練(五) | | All-Out Defense Education Military Training (V) | | | | | | ing | 1 | 2 | | 0 | | | | |
| 體育選修 | F | Physical Elective Course | | | | | | | 1 | 2 | | 0 | | | | |
| 體育選修 | F | Physical Elective Course | | | | | | | | | | 1 | 2 | | 0 | |
| | | | | | 第四 | g學年F6 | ourth 1 | ear | | | - | | | | | |
| 體育選修 | F | Physical Elective Course | | | | | | 1 | 2 | | 0 | | | | | |
| 體育選修 | F | Physical Elective Course | | | | | | | | | | | 1 | 2 | | 0 |
| | | 第一學年First Year 第二學年Second Year | | | | | | r | 第三學年Third Year | | | | 第四學年Fourth Year | | | ur |
| 學分/時數統計 Credit/Hour Total | | 學期 Semester | | 學期 Semester | 上學期 First Semester | | 下學期 Second Semester | | 上學期 First Semester | | 下學期 Second Semester | | | 学期 emester | | 學期 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 | 17 | 19 | 17 | 19 | 17 | 19 | 16 | 18 | 17 | 17 | 19 | 19 | 0 | 0 | 0 | 0 |
| 最低選修科目學分/時數 Minimum Electives Courses Credit / Hour | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 10 | 10 | 13 | 13 |
| 總學分數/時數累計 Credits / Hours Total | 17 | 19 | 17 | 19 | 17 | 19 | 16 | 18 | 18 | 19 | 20 | 21 | 10 | 10 | 13 | 13 |

備註Note:

- 一、 畢業至少應修满 128 學分【必修 103 學分,選修至少 25 學分(其中至少需含本系專業選修 12 學分)】。 Students should complete at least 128 credits before graduation, including 103 required credits, 25 elective credits (elective credits should have at least 12 credits from department elective courses).
- 二、 通識教育學院所開設之「博雅通識課程」學分數(時)為2學分2學時或3學分3學時,經 101 學年度第二學期校課程委員會會議通過,進 修部四技學生應修習二門不同領域課程,學分總計至少四學分。 Liberal Arts General Study courses provided by College of General Education, are divided into 2 hours course with 2 credits or 3 hours course with 3 credits, ratified by the School Course Committee in 2012. Four-year students in the Division of Continuing Education should take 2 courses in different fields for a minimum of 4 credits.
- 三、 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.
- 四、 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.
- 五、 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 cours