# 黎明技術學院日間部四年制技術系(僑專班)電機工程系 標準課程表

113學年度入學學生適用

112學年度第1學期第4次課程發展委員會通過(1121220)
最後修改日期：

| 類別 | 113學年度(一年級) 科目 | 上學期 學分 | 上學期 時數 | 下學期 學分 | 下學期 時數 | 114學年度(二年級) 科目 | 上學期 學分 | 上學期 時數 | 下學期 學分 | 下學期 時數 | 115學年度(三年級) 科目 | 上學期 學分 | 上學期 時數 | 下學期 學分 | 下學期 時數 | 116學年度(四年級) 科目 | 上學期 學分 | 上學期 時數 | 下學期 學分 | 下學期 時數 | 累計 學分 | 累計 時數 | 畢業 學分 | 畢業 時數 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 共同科目必修 | [00018239]實用中文<br>Practical Chinese | 2 | 2 | | | [00010515]運動與生活二<br>Exercise and life(II) | 2 | 2 | | | [00001384]生活英文<br>Everyday English | 2 | 2 | | | [] | | | | | | | | |
| | [00010516]運動與生活一<br>Exercise and life I | | | 2 | 2 | [00001408]科技與生活<br>Technology and Life | | | 2 | 2 | [00001370]人際關係與溝通<br>Interpersonal Relationship and Communication | | | 2 | 2 | [] | | | | | | | | |
| 小計 | | 2 | 2 | 2 | 2 | 小計 | 2 | 2 | 2 | 2 | 小計 | 2 | 2 | 2 | 2 | 小計 | | | | | 12 | 12 | 12 | 12 |
| 專業必修 | [00018808]產業實務實習一<br>Workplace Practicum I | 5 | 5 | | | [00018810]產業實務實習三<br>Workplace Practicum III | 5 | 5 | | | [00018812]產業實務實習五<br>Workplace Practicum V | 5 | 5 | | | [00018177]資訊安全<br>information security | 2 | 2 | | | | | | |
| | [00018377]職場倫理<br>Workplace Ethics | 2 | 2 | | | [00018182]邏輯設計與實習<br>Logic Design and Internship | 2 | 2 | | | [00018176]單晶片實習<br>Single Chip Internship | 3 | 3 | | | [00010939]專題製作二<br>Special topic production II | 3 | 3 | | | | | | |
| | [00018378]資訊科技概論<br>Introduction to Information Technology | 3 | 3 | | | [00000581]電子學<br>Electronics | 3 | 3 | | | [00018813]產業實務實習六<br>Workplace Practicum VI | | | 5 | 5 | [00018814]產業實務實習七<br>Workplace Practicum VII | 5 | 5 | | | | | | |
| | [00018905]計算機程式<br>computer program | | | 2 | 2 | [00018811]產業實務實習四<br>Workplace Practicum IV | | | 5 | 5 | [00010963]專題製作一<br>Special topic production I | | | 3 | 3 | [00018294]產業論壇<br>Industry Forum | | | 2 | 2 | | | | |
| | [00018809]產業實務實習二<br>Workplace Practicum II | | | 5 | 5 | [00001093]電力電子學<br>Power Electronics | | | 3 | 3 | [] | | | | | [00018815]產業實務實習八<br>Workplace Practicum VIII | | | 5 | 5 | | | | |
| | [00018180]電路學與實習<br>Circuits and Internships | | | 3 | 3 | [00018179]電子學實習<br>Electronics Internship | | | 2 | 2 | [] | | | | | [] | | | | | | | | |
| 小計 | | 10 | 10 | 10 | 10 | 小計 | 10 | 10 | 10 | 10 | 小計 | 8 | 8 | 8 | 8 | 小計 | 10 | 10 | 7 | 7 | 73 | 73 | 73 | 73 |
| 專業選修 | [00015636]視窗軟體應用<br>Application of software | 2 | 2 | | | [00018869]電路板製程技術<br>Circuit board process technology | 3 | 3 | | | [00016817]電動車概論<br>Introduction to electric cars | 3 | 3 | | | [00018185]工廠管理<br>factory management | 2 | 2 | | | | | | |
| | [00016169]室內配線實習*<br>Interior Wiring Lab | 3 | 3 | | | [00018212]機構與電路組裝實作<br>Mechanism and circuit assembly practice | 2 | 2 | | | [00018208]電儀表實習<br>Electrical instrumentation Lab. | 2 | 2 | | | [00018287]大數據實務<br>Big Data Practice | 2 | 2 | | | | | | |
| | [00016824]物聯網<br>Internet of things | 3 | 3 | | | [00000436]品質管制<br>Quality Control | 3 | 3 | | | [00018198]控制系統實務<br>Control System Practice | 3 | 3 | | | [00018286]機器學習<br>Machine Learning | 3 | 3 | | | | | | |
| | [00018191]多媒體應用<br>Multimedia applications | 2 | 2 | | | [00000739]工業電子實務<br>Practices for Industrial Electronics | 3 | 3 | | | [00018872]產線整合技術實習一<br>Production line integration technology Lab. 1 | 3 | 3 | | | [00016823]冷凍空調實習<br>Air Condition and Refrigeration Lab. | 3 | 3 | | | | | | |
| | [00010275]電腦硬體裝修*<br>Computer Hardward Decoration | | | 3 | 3 | [00018197]專業英文<br>Professional English | 3 | 3 | | | [00018203]感測器實務<br>Sensor Practice | | | 2 | 2 | [00018213]積體電路概論<br>Introduction to Integrated Circuits | 3 | 3 | | | | | | |
| | [00010971]基礎繪圖實務<br>Basic drawing practice | | | 2 | 2 | [00018184]工業配線實習<br>Industrial Wiring Internship | 2 | 2 | | | [00018873]產線整合技術實習二<br>Production line integration technology Lab. 2 | | | 3 | 3 | [00009080]電子商務<br>work | 3 | 3 | | | | | | |
| | [00015559]行銷實務<br>Marketing practice | | | 2 | 2 | [00010862]水電工程實務<br>Power Distribution System | 3 | 3 | | | [00018207]電力電子應用實務<br>Power Electronics Application Practice | | | 3 | 3 | [00018293]電機專題講座<br>special lectures I on electrical engineer | | | 2 | 2 | | | | |
| | [00018189]光電工程概論<br>Introduction to Optoelectronic Engineering | | | 3 | 3 | [00018902]SMT生產製程基礎實務<br>Basic Practice of SMT Production Process | 2 | 2 | | | [00018288]機電整合實務<br>Mechatronics Practice | | | 3 | 3 | [00007497]遠端監控實務<br>Remote Monitoring Practice | | | 3 | 3 | | | | |
| | [] | | | | | [00018786]伺服器建置管理實務<br>Lab. of Server Construction Management | | | 3 | 3 | [00000747]智慧型控制實務<br>Intelligent Control and Application | | | 3 | 3 | [00016820]行動通訊實務<br>Mobile Communication Practice | | | 3 | 3 | | | | |
| | [] | | | | | [00018210]電機機械與實習<br>Electrical Mechanics and Internships | | | 3 | 3 | [] | | | | | [00018818]消防概論<br>Introduction to Fire Protection | | | 2 | 2 | | | | |
| | [] | | | | | [00018187]可程式控制器實習<br>Programmable Logic Controller Lab. | | | 3 | 3 | [] | | | | | [00000989]RFID理論與應用<br>RFID Theory and Applications | | | 3 | 3 | | | | |
| | [] | | | | | [00018211]網頁製作實務<br>Web page production practice | | | 2 | 2 | [] | | | | | [00009139]半導體製程技術<br>Semiconductor Process Technology | | | 3 | 3 | | | | |
| | [] | | | | | [00018870]印刷電路板佈置設計實習<br>PCB layout design Lab. | | | 3 | 3 | [] | | | | | [] | | | | | | | | |
| | [] | | | | | [00001019]人工智慧<br>Artificial Intelligence | | | 3 | 3 | [] | | | | | [] | | | | | | | | |
| | [] | | | | | [00018196]高階程式設計<br>Advanced Programming | | | 2 | 2 | [] | | | | | [] | | | | | | | | |

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| | [] | | | | [00018874]印刷電路板製作實習<br>Printed circuit board production Lab. | | | 3 | 3 | [] | | | | | [] | | | | | | | | | | |
| 小計 | | 10 | 10 | 10 | 10 | 小計 | 21 | 21 | 22 | 22 | 小計 | 11 | 11 | 14 | 14 | 小計 | 16 | 16 | 16 | 16 | 120 | 120 | 43 | 43 |
| 合計 | | 22 | 22 | 22 | 22 | 合計 | 33 | 33 | 34 | 34 | 合計 | 21 | 21 | 24 | 24 | 合計 | 26 | 26 | 23 | 23 | 205 | 205 | 128 | 128 |
| 畢業門檻 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 備註 | | | | | | | | | | | | | | | | | | | | | | | | | |

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