**元智大學 智慧電子產品製造碩士產學專班 必選修科目表**

**（114學年度秋季班入學新生適用）**

**List of Required Courses, Master Program in Smart Manufacturing for Electronics with Industry-Academia Collaboration, College of Engineering, Yuan Ze University**

**(Applicable to Students Admitted in Fall of 2025)**

114.04.23 一一三學年度第五次教務會議通過

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| 學年(Year)  學期(Semester)  科目(Course) | 第一年1st Year | | 第二年2nd Year | |
| 114-1 Fall | 114-2 Spring | 115-1 Fall | 115-2 Spring |
| 專  業  必  修  科  目  （15）  Professional Required Courses (15) |  |  | 論文Thesis (6) |  |
|  |  |  | 企業實習  Practical Training (9) |
| 學期學分小計  Credit each semester | 0 | 0 | 6 | 9 |
| 專業選修  十選四  (12)  Professional Elective Courses(12) | 印刷電路板製程  Printed Circuit Board Processing (3) | 高等品質管制  Advanced Quality Control PM501(3) |  |  |
| 科技英文  Technical Writing (3) | 資料探勘  Data Mining PM502(3) |  |  |
| 材料物理化學  Physical Chemistry of Materials (3) | 材料特性分析  Analysis of Materials properties PM503(3) |  |  |
| 電化學工程  Electrochemical Engineering (3) | 高分子物理  Polymer Physics PM504(3) |  |  |
| 高等儀器分析  Advanced Instrumental Analysis (3) |  |  |  |
| 機械製造  Introduction to Manufacturing Processes(3) |  |  |  |
| 備註 | 1. 本專班同學總共必須修滿27學分方可畢業(不包含華語課程)，包括論文6學分、企業實習9學分、專業選修12學分。華語選修課程 (華語（一）、華語（二）、華語（三）、華語（四）) 不列入畢業學分。Students in this program must complete a total of 27 credits to graduate (excluding Chinese language courses), including 12 credits for professional elective courses, 6 credits for the thesis, and 9 credits for corporate internships. The Chinese elective courses (Mandarin Chinese (I), Mandarin Chinese (II), Mandarin Chinese (III), Mandarin Chinese (IV)) are not included in the graduation credits. 2. 入學研究生須依本校學術研究倫理教育課程實施要點規定，於入學第一學期結束前完成學術研究倫理教育課程，最遲須於申請學位口試前補修完成，未完成本課程，不得申請學位口試。」For those graduate students who shall complete Academic Research Ethics Education Course before the end of their first academic semester, they must follow the regulations of Yuan Ze University Academic Research Ethics Education Course Implementation Highlights. The latest deadline for them shall be their course completions and then their applications towards the degree’s oral exam. | | | |

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[AA-CP-04-CF06](http://www.yzu.edu.tw/admin/so/files/%E5%85%A7%E6%8E%A7%E6%96%87%E4%BB%B6/AA/AA-CP-04/AA-CP-04-CF02.pdf) (1.3版)／113.12.16修訂