**元智大學 智慧電子產品製造碩士產學專班 必選修科目表**

**（113學年度春季班入學新生適用）**

**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 Spring of 2025)**

Passed by the 3rd Academic Affairs Meeting, Academic Year 2024, on December 25, 2024

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| --- | --- | --- | --- | --- |
| 學年(Year)  學期(Semester)  科目(Course) | 第一年1st Year | | 第二年2nd Year | |
| 113-2 Spring | 114-1 Fall | 114-2 Spring | 115-1 Fall |
| 專  業  必  修  科  目  （18）  Professional Required Courses (18) |  | 印刷電路板製程  Printed Circuit Board Processing (3) |  |  |
|  |  | 論文Thesis (6) |  |
|  |  |  | 企業實習  Practical Training (9) |
| 學期學分小計  Credit each semester | 0 | 3 | 6 | 9 |
| 專業選修  九選三  (9)  Professional Elective Courses(9) | 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) | 有機導體材料特論  Special Topics on Organic Semiconductor Materials (3) |  |  |
| 材料特性分析  Analysis of Materials properties PM503(3) | 材料物理化學  Physical Chemistry of Materials (3) |  |  |
| 高分子物理  Polymer Physics PM504(3) | 電化學工程  Electrochemical Engineering (3) |  |  |
|  | 機械製造  Introduction to Manufacturing Processes(3) |  |  |
| 必選修科目  （8）  Required Elective Courses (8) | 華語 (一)  Mandarin Chinese(I) PM505(4) | 華語 (二)  Mandarin Chinese(II) (4) |  |  |
| 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)，包括印刷電路板製程3學分、論文6學分、企業實習9學分、專業選修9學分。除此之外，所有學生皆必須選修華語(一)(二)8學分   Students in this program must complete a total of 27 credits to graduate (excluding Chinese language courses), including 3 credits for printed circuit board processing, 9 credits for professional elective courses, 6 credits for the thesis, and 9 credits for corporate internships. In addition, students must take 8 required elective credits in Chinese language(I)(II) courses.   1. 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