**元智大學工業工程與管理學系 輔系科目表**

**（114學年度入學新生適用）**

**Industrial Engineering and Management at Yuan Ze University**

**List of Minor Courses**

**(Applicable to Students Admitted in Academic Year of 2025)**

114.04.23 一一三學年度第五次教務會議通過

Passed by the 5th Academic Affairs Meeting, Academic Year 2024, on April 23, 2025

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| 輔系名稱  Minor Title | 輔系科目（課號/中文課名/英文課名）  Course Title (Course Code/Chinese Course Title/English Course Title) | 學分  Credits | 備註  Remarks  全文完 |
| 工業工程與  管理學系  Industrial Engineering and Management | IE203工程統計(一) Engineering Statistics (I) | 3 | 必修  18學分  Required 18 credits |
| IE350品質管制（含實驗）Quality Control (Lab) | 3 |
| IE303作業研究Operations Research | 3 |
| IE335生產計劃與管制（一）Production Planning and Control (I) | 3 |
| IE349設施規劃（含實驗）Facilities Planning (Lab) | 3 |
| IE220人因工程（一）Human Factors (I) | 3 |
| IE204工程統計（二）Engineering Statistics(Ⅱ) | 3 | 選修  3學分  Elective  3 credits |
| IE406資料庫管理系統Database Management Systems | 3 |
| IE209製造程序Manufacturing Processes | 3 |
| IE211工作研究Work Study | 3 |
| IE308工程經濟Engineering Economics | 3 |
| IE348生產計劃與管制（含實驗）（二） Production Planning and Control (II) (Lab) | 3 |
| IE329作業研究（二）Operations Research (Ⅱ) | 3 |
| IE407全面品質管理Total Quality Management | 3 |
| IE237 統計建模與電腦化實作  Statistical Modeling and Computerized Implementations | 3 |
| IE304 應用統計分析 Applied Statistical Analysis | 3 |

註：

1. 必修科目18學分及選修科目3學分。18 credits of required courses and 3 credits of elective courses are required for the minor.
2. 必修科目在主系已修習該課程者，申請以選修科目取代。If a required course has been taken in his/her major, the student may replace it with an elective course.
3. 選修科目在主系已修習該課程者，仍應於其他選修科目修滿3學分。If an elective course has been taken in his/her major, the student still needs to take 3 credits from other elective courses.
4. 修習本系輔系之學生需修滿21 (含) 學分以上者，授與輔系資格。Students pursuing a minor in this department must complete at least 21 credits (inclusive) to be awarded the minor qualification.