**元智大學工業工程與管理學系 輔系科目表**

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

**List of Minor Courses （113學年度入學新生適用）**

**(Applicable to Students Admitted in Academic Year of 2024)**

113.05.01 一一二學年度第八次教務會議通過

Passed by the 8th Academic Affairs Meeting, Academic Year 2023, on May 01, 2024

|  |  |  |  |
| --- | --- | --- | --- |
| 輔系名稱  Minor Title | 輔系科目  Courses | 學分  Credits | 備註  Remarks  全文完 |
| 工業工程與  管理學系  Industrial Engineering and Management | 工程統計(一) Engineering Statistics (I) | 3 | 必修  18學分  Required 18 credits |
| 品質管制（含實驗）Quality Control (Lab) | 3 |
| 作業研究Operations Research | 3 |
| 生產計劃與管制（一）Production Planning and Control (I) | 3 |
| 設施規劃（含實驗）Facilities Planning (Lab) | 3 |
| 人因工程（一）Human Factors (I) | 3 |
| 工程統計（二）Engineering Statistics(Ⅱ) | 3 | 選修3學分  Elective 3 credits |
| 資料庫管理系統Database Management Systems | 3 |
| 製造程序Manufacturing Processes | 3 |
| 工作研究Work Study | 3 |
| 工程經濟Engineering Economics | 3 |
| 生產計劃與管制（含實驗）（二）  Production Planning and Control (II) (Lab) | 3 |
| 作業研究（二）Operations Research (Ⅱ) | 3 |
| 全面品質管理Total Quality Management | 3 |
| 統計建模與電腦化實作  Statistical Modeling and Computerized Implementations | 3 |
| 應用統計分析　Applied Statistical Analysis | 3 |

AA-CP-04-CF09 (1.3 版)／104.01.06 修訂

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.

1. 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.

1. 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.

1. 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.