

工業工程與管理學系

Department of Industrial Engineering and Management

107 學年度(Academic Year 2018)

| 科目名稱 Course Name | 規定 學分 Credit | 第一學年 Grade 1 | | 第二學年 Grade 2 | | 第三學年 Grade 3 | | 第四學年 Grade 4 | | 備註 Note |
|--|--------------------|------------------------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|---------------------------------|
| | | 上 1st | 下 2nd | 上 1st | 下 2nd | 上 1st | 下 2nd | 上 1st | 下 2nd | |
| | | 微積分(一)(二) Calculus(I)(II) | 6 | 3 | 3 | | | | | |
| 計算機概論 Introduction to Computer Science | 3 | 3 | | | | | | | | |
| 程式設計 Programming | 3 | | 3 | | | | | | | |
| 經濟學(一)(二) Economics(I)(II) | 6 | 3 | 3 | | | | | | | |
| 會計學(一)(二) Accounting(I)(II) | 6 | 3 | 3 | | | | | | | |
| 工業工程與管理概論 Int. to Industrial Engineering and Management | 3 | 3 | | | | | | | | |
| 線性代數 Linear Algebra | 3 | | 3 | | | | | | | |
| 管理學 Management | 3 | | | | 3 | | | | | |
| 統計學(一)(二) Statistics(I)(II) | 6 | | | 3 | 3 | | | | | |
| 工程圖學 Engineering Graphics | 1 | | | 1 | | | | | | |
| 製造程序 Manufacturing Processes | 3 | | | 3 | | | | | | |
| 工作研究 Work Study | 3 | | | | 3 | | | | | |
| 作業研究(一)(二) Operations Research(I)(II) | 6 | | | 3 | 3 | | | | | |
| 生產與作業管理 Production and Operation Management | 3 | | | | | 3 | | | | 院基礎課程 Core Course of College |
| 品質管理 Quality Control | 3 | | | | | 3 | | | | |
| 人因工程 Human Factors Engineering | 3 | | | | | 3 | | | | |
| 設施規劃 Facility Planning | 3 | | | | | 3 | | | | |
| 工程經濟 Engineering Economics | 3 | | | | | | 3 | | | |
| 模擬學 Simulation | 3 | | | | | | 3 | | | |
| 資料庫管理 Database Management | 3 | | | | | | 3 | | | 院基礎課程 Core Course of College |

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|--|----|----|----|----|----|----|---|---|---|--|
| 工業工程與管理實務 Practice on Industrial Engineering and Management | 2 | | | | | | | 2 | | |
| 服務學習(一)(二) Student Service Education(I)(II) | 0 | | | | | 0 | 0 | | | |
| 行銷學 Principles of Marketing | 3 | | | | 3 | | | | | 五門任選一門 At least 1 from the 5 courses (院基礎課程 Core Course of College) |
| 人力資源管理 Human Resource Management | 3 | | | | | | 3 | | | |
| 財務管理 Financial Management | 3 | | | 3 | | | | | | |
| 管理資訊系統 Management Information System | 3 | | | | | 3 | | | | |
| 物流運籌管理 Logistic Management | 3 | | | | 3 | | | | | |
| 合計 Total | 78 | 15 | 15 | 10 | 12 | 12 | 9 | 2 | 0 | 3 |
| 本系最低畢業學分為 128 學分 Required credits for graduation is 128 credits | | | | | | | | | | |

工業工程與管理學系輔系科目表
Department of Industrial Engineering and Management
Minor Program

107 學年度(Academic Year 2018)

| 科目名稱 Course Name | 學分數 Credit | 科目名稱 Course Name | 學分數 Credit | 備註 Note |
|---|---------------|--|---------------|-------------------------------|
| 統計學(一)(二) Statistics(I)(II) | 6 | 作業研究(一)(二) Operation Research(I)(II) | 6 | 至少選六學分 At least 6 Credits |
| 工作研究 Work Study | 3 | 生產與作業管理 Production and Operation Management | 3 | 任選十五學分 At least 15 Credits |
| 人因工程 Human Factors Engineering | 3 | 製造程序 Manufacturing Processes | 3 | |
| 工程經濟 Engineering Economics | 3 | 品質管理 Quality Management | 3 | |
| 設施規劃 Facility Planning | 3 | | | |
| 輔系最低應修學分為 21 學分 Required credits for minor program is 21 credits | | | | |