# 朝陽科技大學 094學年度第1學期教學大綱
# Principles of Engineering Design 設計工學

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| **當期課號** | 1827 | **Course Number** | 1827 |
| **授課教師** | 邱相文 | **Instructor** | |
| **中文課名** | 設計工學 | **Course Name** | Principles of Engineering Design |
| **開課單位** | 工業設計系(四日)三A | **Department** | |
| **修習別** | 選修 | **Required/Elective** | Elective |
| **學分數** | 2 | **Credits** | 2 |
| **課程目標** | 基本工程力學與機構學之介紹，利用電腦軟體進行機構設計與材料應力之模擬設計，增進產品開發之結構強度與穩定性。 | **Objectives** | To introduce the concept of the engineering mechanics and mechanism, using software to study the mechanism design simulation and computer assisted design. Enhance the capability of the structure strength and stability in product design. |
| **教材** | 自編教材/機動學/Working Model 2D | **Teaching Materials** | |
| **成績評量方式** | 期中報告30%，期末報告30%，作業與上課考核成績40%。 | **Grading** | Mid term 30%, Final 30, assignments & participate attitute 40% |
| **教師網頁** | | | |
| **教學內容** | 利用Working Model 2D 軟體進行產品機構之學習與設計練習，進行材料結構力學特性之教授。 | **Syllabus** | To learn using Working Model 2D software to study product mechanism design. |

尊重智慧財產權，請勿非法影印。