# 朝陽科技大學 099學年度第2學期教學大綱
# Material Analysis 材料分析

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| **當期課號** | 1640 | **Course Number** | 1640 |
| **授課教師** | 湯正明 | **Instructor** | CHENG,MING TANG |
| **中文課名** | 材料分析 | **Course Name** | Material Analysis |
| **開課單位** | 應用化學系(四日)三A | **Department** | |
| **修習別** | 選修 | **Required/Elective** | Elective |
| **學分數** | 3 | **Credits** | 3 |
| **課程目標** | 本課程主要介紹各種材料分析工具之原理及量測方法，讓學生了解材料之結構分析、化學成份分析及表面分析 | **Objectives** | The aim of this course is to introduce the fundamentals and measurements of analytical methods for materials. Students will understand the structure analysis, chemical composition analysis and surface analysis of materials. |
| **教材** | 汪建民主編，材料分析，中國材料學會，民國87年初版 | **Teaching Materials** | Wang Jianmin editor, material analysis, Chinese Materials Society, early version, Republic of China, 1998. |
| **成績評量方式** | 期中考試30%<br>期末考試40%<br>平常成績30% | **Grading** | Midterm Exam,30%<br>Final exam,40%<br>normal results, 30% |
| **教師網頁** | | | |
| **教學內容** | 1.材料分析緒論<br>2.微結構分析原理與技術<br>3.表面分析原理與技術<br>4.其他性質分析 | **Syllabus** | 1. Introduction of materials analysis<br>2. Principles and techniques of microstructure analysis<br>3. Principles and techniques of surface analysis<br>4. Ananlysis of the other properties |

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