# 朝陽科技大學 099學年度第1學期教學大綱
# Design Drafting(1) 設計圖學(一)

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| **當期課號** | 1828 | **Course Number** | 1828 |
| **授課教師** | 洪漢森 | **Instructor** | Hung,Han Sen |
| **中文課名** | 設計圖學(一) | **Course Name** | Design Drafting(1) |
| **開課單位** | 工業設計系(四日)一A | **Department** | |
| **修習別** | 必修 | **Required/Elective** | Required |
| **學分數** | 2 | **Credits** | 2 |
| **課程目標** | 一、工程設計繪圖之透視。 二、基礎工程設計繪圖。 三、標準化工程設計繪圖練習。 | **Objectives** | This course is divided into five parts: Visual science for technical graphics; Fundamentals of technical graphics; Descriptive geometry; Standard technical graphics practices; Technical graphics in industry. The primary goal of this text is to help the design and engineering student learn the techniques and standard practices of technical graphics, so that design ideas can be adequately communicated and produced. |
| **教材** | 使用教材：Auto CAD2009機械圖學機礎<br>，博碩文化股份有限公司 | **Teaching Materials** | 使用教材：Auto CAD2009機械圖學機礎<br>，博碩文化股份有限公司 |
| **成績評量方式** | 平時、出席率(40%)、期中上機考(30%)、期末上機考(30%) | **Grading** | Homework(40%), Midterm(30%),Final(30%) |
| **教師網頁** | http://lms.ctl.cyut.edu.tw/2009023 | | |
| **教學內容** | 1.圖學內容與電腦繪圖<br>2.autoCAD基本指令操作<br>3.幾何圖形練習<br>4.投影視圖練習<br>5.紙本出圖與電子檔出圖<br>6.3D模型幾何建構<br>7.認證題目介紹練習<br>8.基礎彩現應用 | **Syllabus** | 1. Graphics content and computer graphics<br>2.autoCAD basic commands to operate<br>3. Geometry exercises<br>4. Projection view practice<br>5. Paper and electronic files Output<br>6.3D geometry model<br>7. National certification practice topics introduced<br>8. Rendering applied |

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