# 朝陽科技大學 094學年度第2學期教學大綱
# Environmental Physics(II) 建築物理(二)

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| 當期課號 | 1532 | Course Number | 1532 |
| 授課教師 | 陳炯堯 | Instructor | CHEN,CHIUNG YAO |
| 中文課名 | 建築物理(二) | Course Name | Environmental Physics(II) |
| 開課單位 | 建築系(四日)二A | Department | |
| 修習別 | 必修 | Required/Elective | Required |
| 學分數 | 2 | Credits | 2 |
| 課程目標 | 完全配合建築系學生所需之基礎建築物理知識于以授課，並補充建築師考試範圍內所需之內容。課程區分爲三部份，以上下兩學期來陸續完成，它們分別是建築光學, 聲學及熱學. 分別佔有相同之時數。 | Objectives | This is a continuation of General Physics. Physical problem solving ability is further developed for architectural environment. Topics include properties of simple harmonic motion, waves and sound, heat, heat transfer, thermodynamics, light, lighting and luminance. |
| 教材 | 1.建築物理概論, 陳啓中 編著, 詹氏書局.<br>2.建築環境工學概論(日文版).<br>3.建築物理, 江哲銘著, 三民書局. | Teaching Materials | |
| 成績評量方式 | 期中考30%, 期末考30%, 點名及小考40%. | Grading | Midterms 30%, Final 30%, In-class 40% |
| 教師網頁 | http://www.cyut.edu.tw/~chychen | | |
| 教學內容 | 完全配合建築系學生所需之基礎建築物理知識于以授課,<br>並補充建築師考試範圍內所需之內容.<br>課程區分爲三部份,以上下兩學期來陸續完成.<br>它們分別是建築光學, 聲學及熱學. 分別佔有相同之時數. | Syllabus | This is a continuation of General Physics. Physical problem solving ability is further developed for architectural environment. Topics include properties of simple harmonic motion, waves and sound, heat, heat transfer, thermodynamics, light, lighting and luminance. |

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