

Department of Chemical and Materials Engineering
National Kaohsiung University of Applied Sciences

Course: 儀器分析 (Instrumental Analysis)

教學目標：

學習重要儀器之分析原理與應用

Instructor:

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Contents:

Ch1

measurement basics: Ch5

atomic spectroscopy: Ch6, Ch8, Ch9, Ch10, Ch11, Ch12

molecular spectroscopy: Ch13, Ch14, Ch16, Ch17, Ch18, Ch19, Ch21

separation methods: Ch27, Ch28

thermal methods: Ch31

Website:

Instruction Time:

Office Hour:

Classroom:

Text Book:

HOLLER.SKOOG.CROUCH, “Principles of Instrumental Analysis”, 6th Edition, Thomson Brooks/Cole, 2007. (歐亞書局, 02-8912-1188)

Reference Books:

林敬二 審譯, ”儀器分析”, 第五版 (上、下冊), 美亞書局 (股)

Grade Calculation:

Quiz: 70-100%

Report/presentation/other: 0-30%