

102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	儀器分析	Serial No. / ID	0521 / BTI2011
Dept.	生物產業科技學系	School System / Class	大學日間部2年2班
Lecturer	張有明	Full or Part-time	兼任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)567 / H444	Language	Chinese

Introduction
Principles of instrumental analysis as well as application will be instructed in this course.

Outline
Introduction
Atomic Emission Spectrometry
Atomic Absorption Spectrometry
Atomic Fluorescence Spectrometry
Ultraviolet/Visible Spectrometry
Midterms
Infrared Spectrometry
Potentiometric Analysis
Electrolytic Analysis
Introduction of Chromatography
Gas Chromatography
High-Performance Liquid Chromatography
Mass Spectrometry
Nuclear Magnetic Resonance Spectrometry
Final Exam.

Prerequisite
General chemistry and analytical chemistry are required for students, who wants to take this course.