

97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	儀器分析	Serial No. / ID	0438 / BTI2011
Dept.	生物產業科技學系	School System / Class	大學日間部2年1班
Lecturer		Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(一)2 / H466 (三)12 / H466	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.