

100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	環境污染物分析	Serial No. / ID	1939 / EVI2026
Dept.	環境工程學系	School System / Class	大學日間部3年1班
Lecturer	余世宗	Full or Part-time	專任
Required / Credit	Required / 2	Graduate Class	No
Time / Place	(三)34 / H566	Language	Chinese

Introduction
This course is intended to introduce the principles and experimental procedures of Environmental Pollutant Analysis

Outline
Chapter 1 Introduction and lab safety
Chapter 2 SS、pH、transparence
Chapter 3 DO、BOD
Chapter 4 Analysis of Cr6+、COD
Chapter 5 Analysis of Cl-、TKN
Chapter 6 Analysis of SO42-、PO43-
Chapter 7 Hardness and chloride of water
Chapter 8 Analysis of NO3-、NO2-
Chapter 9 QA/QC for Environmental measurements
Chapter 10 Sampling and analysis of waste
Chapter 11 Basic concepts of sampling and analysis for air pollutant Analysis
Chapter 12 Environmental quality analysis
Chapter 13 Pollutant Analysis of stationary sources
Chapter 14 Continuous monitoring
Chapter 15 Other techniques of air pollutant Analysis

Prerequisite
Chemistry and analytical chemistry