

98-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	環境污染物分析	Serial No. / ID	1688 / EVI2026
Dept.	環境工程學系	School System / Class	大學日間部3年1班
Lecturer	施英隆	Full or Part-time	專任
Required / Credit	Required / 2	Graduate Class	NO
Time / Place	(四)56 / H540	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