

97-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 環境污染物分析實驗 | Serial No. / ID | 0697 / EVI2096 |
| Dept. | 環境工程學系 | School System / Class | 大學日間部3年1班 |
| Lecturer | 彭元興 | Full or Part-time | 專任 |
| Required / Credit | Required / 1 | Graduate Class | NO |
| Time / Place | (四)789 / H807 | Language | Chinese |

| Introduction |
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| <p>This experiment curriculum coordinates the environment pollutant analysis curriculum and provides analytical methods for the students. The operation unit includes: Dissolved oxygen and the biochemical oxygen demand, the chemical oxygen demand, and the chlorine salt, the nitride, degree of hardness and alkalinity granular, the chlorine salt, the nitrate, the sulfate, the sulfur oxide compound, the high oxide compound, the stink, the halogenide, the hydrocarbon and so on. The student will be able to understand that each kind of pollutant sampling and analysis principles. Curriculum goal: 1. makes the student understand that the environment pollutant sampling and analysis principle. 2. makes the student be able to hold the experiments, to analyze and explain data.</p> |

| Outline |
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| <p>1 SS、pH、transparence 2 DO、BOD 3 Analysis of Cr6+、COD 4 Analysis of Cl-、TKN 5 Analysis of SO42-、PO43- 6 Hardness and chloride of water 7 Analysis of NO3-、NO2-</p> |

| Prerequisite |
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| Chemistry and analytical chemistry |