

97-2 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 單元操作(二) | Serial No. / ID | 1585 / EVI3047 |
| Dept. | 環境工程學系 | School System / Class | 大學日間部4年1班 |
| Lecturer | 余世宗 | Full or Part-time | 專任 |
| Required / Credit | Optinal / 3 | Graduate Class | Yes |
| Time / Place | (一)2 / H571 (四)34 / H571 | Language | Chinese |

| Introduction |
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| <p>The aim of this course is to provide a basic knowledge of mass transfer theory. Students will become familiar with the design and operating characteristics of mass transfer equipment. Develop problem solving skills in the application of mass transfer theory to the unit operations. Topics included are principles of mass transfer – diffusion and convection, stage and continuous gas-liquid separation processes, liquid-liquid and fluid-solid separation processes, and membrane separation processes.</p> |

| Outline |
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| <p>1 Principles of mass transfer 2 Principles of unsteady-state and convection mass transfer 3 Stage and continuous gas-liquid separation processes 4 Liquid-liquid and fluid-solid separation processes 5 Membrane separation processes</p> |

| Prerequisite |
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| none |