

100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	環境工程物化原理(二)	Serial No. / ID	1976 / UDR5026
Dept.	環境工程學系博士班	School System / Class	研究所博士班1年1班
Lecturer	吳照雄	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)78 / H546 (三)3 / H546	Language	Chinese

Introduction
<ol style="list-style-type: none">1. Provide with an understanding of the air pollution and its control principles.2. Develop an ability to plan and design the air pollution control devices.3. Provide with an understanding about the aerosol technology.

Outline
<ol style="list-style-type: none">1. Introduction2. Properties of Gases3. Uniform Particle Motion4. Particle Size Statistics5. Straight-Line Acceleration and Curvilinear Particle Motion6. Adhesion of Particles7. Brownian Motion and Diffusion8. Filtration9. Sampling and Measurement of Concentration10. Coagulation11. Electrical Properties

Prerequisite
air pollution, air pollution control engineering