

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	物理化學	Serial No. / ID	0691 / EVI2031
Dept.	環境工程學系	School System / Class	大學日間部2年1班
Lecturer	柯雅雯	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(一)7 / H563 (四)67 / H563	Language	Chinese

Introduction
This course provides an introduction to principles of physical chemistry and enhance students ' problem-solving skill in environmental issues.

Outline
Chapter 1 The Nature of Physical Chemistry and the Kinetic Theory of Gases
Chapter 2 The First Law of Thermodynamics
Chapter 3 The Second and Third Laws of Thermodynamics
Chapter 4 Chemical Equilibrium
Chapter 5 Phases and Solutions
Chapter 6 Solutions of Electrolytes
Chapter 7 Electrochemical Cells
Chapter 8 Chemical Kinetics I: The Basic Ideas
Chapter 9 Chemical Kinetics II: Composite Mechanisms
Chapter 10 Surface Chemistry and Colloids

Prerequisite
Chemistry