

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	普通化學	Serial No. / ID	1390 / MS11002
Dept.	材料科學與工程學系	School System / Class	大學日間部1年2班
Lecturer	施英隆	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(一)56 / H544 (二)2 / H544	Language	Chinese

Introduction
This course provides an introduction to the chemistry of biological, inorganic, and organic molecules. The emphasis is on basic principles of atomic and molecular electronic structure, thermodynamics, acid-base and redox equilibria, chemical kinetics, and catalysis.

Outline
1. biological chemistry 2. inorganic chemistry 3. organic molecules. 4. basic principles of atomic 5. molecular electronic structure 6. thermodynamics 7. acid-base 8. redox equilibria 9. chemical kinetics 10. catalysis.

Prerequisite
1. high school grade chemistry & physics. 2. essential English reading ability.