

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	綠色化學特論	Serial No. / ID	2730 / GEN5429
Dept.	工學院碩士在職專班	School System / Class	碩士在職專班1年1班
Lecturer	施英隆	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(六)234 / B301	Language	Chinese

Introduction
<p>Green chemistry is an approach to the design, manufacture and use of chemical products to intentionally reduce or eliminate chemical hazards.<sup>2</sup> The goal of green chemistry is to create better, safer chemicals while choosing the safest, most efficient ways to synthesize them and to reduce wastes.</p>

Outline
<p>Chapter 1 Green chemistry Chapter 2 Atomic economy Chapter 3 green catalyst Chapter 4 Green daily chemicals Chapter 5 Bioresources Chapter 6 Alternative energy (Bioenergy) Chapter 7 Fuel cells and solar cells Chapter 8 nanotechnology on environment Chapter 9 safe solvents</p>

Prerequisite
General Chemistry