

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	熱機學	Serial No. / ID	1645 / MAI4011
Dept.	機械與自動化工程學系	School System / Class	大學日間部4年4班
Lecturer	陳國祥	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(一)7 / H440 (二)78 / H440	Language	Chinese

Introduction
Understand the theory of the Heat Engine and its practical applications.

Outline
1. Introduction 2. Internal Combustion Engine 3. Thermochemistry of Fuel-Air Mixture 4. Models of Engine Cycles 5. Turbine 6. Air Conditioning and Refrigeration

Prerequisite
Calculus Thermodynamics