

# 98-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	熱機學	Serial No. / ID	2202 / MAI4011
Dept.	機械與自動化工程學系	School System / Class	大學日間部4年5班
Lecturer	陳國祥	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(一)56 / H343 (四)1 / H343	Language	Chinese

Introduction
Understand the theory of the Heat Engines and their practical applications.

Outline
<ol style="list-style-type: none"><li>1. Introduction</li><li>2. Internal Combustion Engine</li><li>3. Thermochemistry of Fuel-Air Mixture</li><li>4. Steam Turbine Power Plant and its Cycles</li><li>5. Boilers</li><li>6. Steam Turbines</li><li>7. Gas Turbines and Jet Engines</li><li>8. Air Conditioning and Refrigeration</li></ol>

Prerequisite
Calculus Thermodynamics