

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	精密機械性能檢測	Serial No. / ID	1980 / MAI4025
Dept.	機械與自動化工程學系	School System / Class	大學日間部4年1班
Lecturer	賴元隆	Full or Part-time	兼任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(二)ABCD / H441	Language	Chinese

Introduction
<ol style="list-style-type: none"><li>1. Learn precision machine measurement methods and principles</li><li>2. Enable students to understand the precision machine measurement methods of international current trend.</li><li>3. Through group projects and public presentations, training students organizational skills and communication techniques.</li></ol>

Outline
<ol style="list-style-type: none"><li>1. Temperature thermal deformation measurements</li><li>2. Rotation Accuracy Test</li><li>3. Ball-bar circle test</li><li>4. Static and dynamic stiffness measurement</li><li>5. Modal Testing</li><li>6. Vibration and noise detection</li><li>7. Positioning accuracy measurement</li><li>8. Balancing test</li></ol>

Prerequisite
Mechanical manufactruing