

# 102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	精密機械性能檢測	Serial No. / ID	1389 / MAV4027
Dept.	機械與自動化工程學系	School System / Class	四技部4年1班
Lecturer	紀華偉	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(四)789A / H441	Language	Chinese

Introduction
<ol style="list-style-type: none"><li>1. Learn precision machine measurement methods and principles (A1, B2)</li><li>2. Enable students to understand the precision machine measurement methods of international current trend. (A5, C3)</li><li>3. Through group projects and public presentations, training students organizational skills and communication techniques. (A4, B5)</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