

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	薄膜工程	Serial No. / ID	0868 / MSI4004
Dept.	材料科學與工程學系	School System / Class	大學日間部4年1班
Lecturer	宋皇輝	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(一)6 / H341 (二)56 / H341	Language	Chinese

Introduction
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Outline
<p>Introduction</p> <p>Vacuum Technology</p> <p>Gas Properties.</p> <p>Vacuum Gauges and Flow Meters.</p> <p>Partial Pressure Analysis.</p> <p>Vacuum Pumps.</p> <p>Materials in Vacuum.</p> <p>Leak Detection and Leak Detectors.</p> <p>High-Vacuum System Design.</p> <p>Thin Films Deposition</p> <p>Physical Vapor Deposition.</p> <p>Chemical Vapor Deposition.</p> <p>Thin Films Characterization</p> <p>Electrical and Electronic Properties</p> <p>Optical Properties</p> <p>Lithography and Pattern Transfer.</p>

Prerequisite
General Physics