

# 99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	薄膜工程	Serial No. / ID	0818 / 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	(二)34 / H467 (三)4 / H467	Language	Chinese

Introduction

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

Prerequisite
General Physics