

100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	鈦合金材料特性與應用	Serial No. / ID	1559 / MSI3019
Dept.	材料科學與工程學系	School System / Class	大學日間部3年1班
Lecturer	何文福	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)89A / H441	Language	Chinese

Introduction
<ol style="list-style-type: none">1. Provide an understanding of the manufacturing, structure and properties of titanium.2. Provide an understanding of the development and alloy design theory of titanium.3. Provide an understanding of the processing, casting, heat treatment and surface treatment.4. Provide an understanding of the applications of titanium.

Outline
<ol style="list-style-type: none">1. Development and classification of titanium2. Alloy design theory of titanium3. Manufacture methods of titanium4. Processing of titanium5. Casting of titanium6. Heat treatment of titanium7. Surface treatment of titanium8. Applications of titanium

Prerequisite
Introduction to Materials Science and Engineering, Mechanical Properties of Materials