

102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生醫鈦合金材料特論	Serial No. / ID	3104 / MUR5051
Dept.	機械與自動化工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	何文福	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)234 / H503	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 Biomedical 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. Biomedical plications of titanium

Prerequisite
Materials Science