

102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	材料科技與生活J1	Serial No. / ID	0159 / CDC6914
Dept.	共同教學中心	School System / Class	大學日間部6年2班
Lecturer	李弘彬	Full or Part-time	專任
Required / Credit	Optinal / 2	Graduate Class	NO
Time / Place	(一)34 / H341	Language	Chinese

Introduction
Materials science and technology in modern life, plays an important role, can be said that the development of technology and materials are closely related. This course will cover the current popular nanomaterials, MEMS materials, green energy materials, biological materials, electronic materials and materials for students on the relevance of science and technology and living a more complete understanding of Humanities and Sciences for a full Combination of general education.

Outline
<ol style="list-style-type: none">1. Introduction to Nanotechnology2. the nature of the phenomenon Nano3. the application of nanomaterials in the life4. application of nanomaterials in the display5. the self-assembly of biological materials6. medical engineering applications in materials science7. the historical development of materials8. material type de s c r i p t ion and future development9. Introduction of MEMS Materials10. Application of MEMS Materials11. green energy applications12. Solar and wind energy applications13. Fuel cell applications

Prerequisite
no