

100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	製漿工程及纖維特性	Serial No. / ID	1405 / EVI3052
Dept.	環境工程學系	School System / Class	大學日間部3年1班
Lecturer	沈熙巖	Full or Part-time	兼任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(五)ABC / H571	Language	Chinese

Introduction
Pulping and bleaching technology for wood and recycled fiber, individual fiber characteristic, chemical/energy recovery, exhaust and waste water treatment for mill practice. To learn about the varieties and the parameters of pulping process; and to strengthen the learning with the environmental issues connected to pulp manufacture.

Outline
<ol style="list-style-type: none">1.Anatomy of wood2.Fundamental wood chemistry3.Pulping principles4.Pulping technology5.Mill visiting tour6.Mechanical pulping & Semi-chemical pulping7.Sulfate pulping8. Midterm exam.9.Sulfate pulping practise10.Chemical recovery & waste water treatment11.Sulfite & alkaline process12.Recycling & recycled fiber13.Pulp bleaching & quality inspection14.Fiber charateristics vs. paper properties15.Mill management issues16. Semester exam.

Prerequisite
None