

97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	造紙濕端化學	Serial No. / ID	1651 / EVI3060
Dept.	環境工程學系	School System / Class	大學日間部3年2班
Lecturer	陳信泰	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(五)ABC / H613	Language	Chinese

Introduction
Introduction of papermaking process and the related wet-end chemistry and additives such as filler, starch, sizing agents, retention aids, paper strength enhancer, dye & colorants, etc. Moreover, the testing procedures for wet-end chemistry will be mentioned in this course.

Outline
Introduction of papermaking chemicals Wet-end chemistry & High polymers Loading & fillers Starch in Papermaking Retention/ Drainage aids Rosin sizes Reactive sizes Paper strength additives Coloring & colorants Foam controller Deposit control Microorganism & biocides Labworks of wet-end chemistry Paper-mill visit

Prerequisite
None