

99-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	造紙濕端化學	Serial No. / ID	1470 / EVI3060
Dept.	環境工程學系	School System / Class	大學日間部3年2班
Lecturer	沈熙巖	Full or Part-time	兼任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(五)ABC / H607	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