

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	造紙濕端化學	Serial No. / ID	1751 / 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)789 / H566	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