## Syllabus

| Course Title: Pulping and Paper Making  | Class: University of     | Class: University of the third grade |  |
|---|--------------------------|--------------------------------------|--|
| Instructor: Ming-Hung Tu  | Credit: 2                | Required                             |  |
|   |                          | Elective                             |  |
| Prerequisite:   | Course Hours: 2          |                                      |  |
| 1. Course Objectives:   |                          |                                      |  |
| To understand the process of pulp and paper ma  | king, and the future tre | end of the industry. Familiarize     |  |
| themselves with the determination of pulp and paper properties. So as to help them meet the needs |                          |                                      |  |
| of employment.  |                          |                                      |  |
|   |                          |                                      |  |
| 2. Course Format and Evaluation:  |                          |                                      |  |
| 1. Mid-term Exam. 30%   |                          |                                      |  |
| 2. Final Exam. 30%  |                          |                                      |  |
| 3. Daily check 40%  |                          |                                      |  |
| Credit Requirements:  |                          |                                      |  |
|   |                          |                                      |  |
| 3. Course Schedule:   |                          |                                      |  |
| 1. Introduction   |                          |                                      |  |
| 2. Raw materials  |                          |                                      |  |
| 3. Pulping Process  |                          |                                      |  |
| 4. Screening and Washing  |                          |                                      |  |
| 5. Pulp Bleaching   |                          |                                      |  |
| 6. Stock Preparation  |                          |                                      |  |
| 7. Utilization of Waste Paper   |                          |                                      |  |
| 8. Paper Machine  |                          |                                      |  |
| 9. Paper Finishing and Converting   |                          |                                      |  |
| 4. Textbooks and Readings:  |                          |                                      |  |
| 1. 朱志耀(1973)製漿造紙學, 紙業新聞社。   |                          |                                      |  |
| 2. 漿與紙月刊, 漿與紙雜誌社。   |                          |                                      |  |
| 3. Smook, G. A.(1982) Handbook for Pulp & Paper Technologists                                     |                          |                                      |  |