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# PSEN 300

## Mill Internship

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### Overview

This course satisfies the Experiential Learning requirement in the General Education Program. The learning outcomes for this requirement are: complete an approved Experiential Learning project; and reflect on the Experiential Learning project to gain further understanding of their university education, and an enhanced sense of personal responsibility as a member of a larger community.

1 Credit Hours.

Prerequisite: PSEN 215 or consult instructor.

### Goals

To satisfy the requirements for this course, students will be able to:

1. Explain the operation of the industrial facility in which they worked
2. Describe the professional skills they developed during their internship
3. Demonstrate communication skills (written and oral)
4. Connect their work during their internship with progress on ABET Learning Outcomes

### Course Requirements

1. You will ensure that your supervisor returns the co-op evaluation form to Dr. Gong.
2. You will prepare a resume for recruiters at the PS&ChE Career Fair
3. You will prepare two pieces of work to demonstrate your achievement of the learning outcomes for this course. These items are:
  - a brief description of your internship experience
  - an electronic portfolio describing your internship work

### ABET Student Outcomes

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. an ability to communicate effectively with a range of audiences
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. an ability to develop and conduct appropriate experimentation,

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Spring 2019  
[F: 2:00pm - 2:50pm]

Instructor: Dr. Roland Gong  
E-Mail: roland.gong@uwsp.edu  
Phone: 715-346-2570  
Office: D276, Science Building  
Office Hours: M R (11 am - 12 pm).

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### Materials

- N/A.

### Classroom

D279, Science building.

### Face-to-Face Meeting time

Jan 25th, Feb 8th, Feb 22nd, and Mar 8th

### Spring Break

March 18th-22nd

### TAPPI PaperCon

May 5th-8th

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analyze and interpret data, and use engineering judgment to draw conclusions

7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

8. Knowledge of the science and technology used in the paper industry.

## Classroom policy

Electronics, such as smart phone, tablet and laptop, are prohibited in the classroom and lab.

Students are not allowed to work on other course assignments during lectures and labs.

## Evaluation

Grades will be assigned based on a percentage of total points earned in the semester in each.

Supervisor evaluation: 20%, due on or before Feb 8th

Resume: 20%, draft due on or before Feb 1st, final version due Feb 8th

Brief description of experience: 25%, due on or before Feb 22nd

Electronic portfolio: 35%, due Mar 8th

Letter grades will be assigned based on the student's overall score, following the university guideline.

A (90% and above), B (80-89%), C (70-79%), D (60-69%), F (< 60%).

I reserve the right to adjust the student grades based on the overall performance and attendance.

## Attendance

**Attendance to all of lectures is mandatory.** Student has responsibility to catch up with teaching schedule and contents. Missing class is not an acceptable excuse if a student misses the deadline of homework and lab report.

## Policy on Cheating and Misconduct in Class

Any incident of cheating and/or misconduct in the classroom that threatens the continuance of a teaching and learning environment in the classroom will be handled through the University's Disciplinary Standards and Procedures. For the most accurate information regarding these standards and procedures please refer to the web site: <http://www.uwsp.edu/dos/Pages/Academic-Misconduct.aspx>. In particular, consult UWSP Chapter 14 (Academic Misconduct) and UWSP Chapter 18 (Conduct on University Lands).

Engineers must behave ethically; the safety of the public depends on not only on the competence, but also on the honesty and integrity of engineering professionals. Engineers may, at times, come under strong pressures to commit unethical acts, and the results can be tragic. At a university, one important ethical requirement is that the work upon which you are graded be your own, and not someone else's. Though group work and collaboration on homework exercises is strongly encouraged, students are cautioned against any type of unethical conduct, including copying during exams, presentation of false documentation for medical excuses, or use of stand-ins on exams and quizzes. Storage of factual information on handheld calculators, for use in closed-book exams, is also expressly forbidden.

## American with Disabilities Act (ADA)

UWSP has specific policies for students with disability. If you have a disability, please inform the instructor or department.