

**CHEMISTRY 392**  
*Experiential Learning Internship Contract\**

Internship Advisor: \_\_\_\_\_

Internship Student: \_\_\_\_\_

Student ID number: \_\_\_\_\_

Student email address: \_\_\_\_\_

Quarter(s) taken (circle):

Summer I 2007:    4.0    2.0    Quarter Hours

Summer II 2007:    4.0    2.0    Quarter Hours

Autumn 2007:    4.0    2.0    Quarter Hours

Winter 2008:    4.0    2.0    Quarter Hours

Spring 2008:    4.0    2.0    Quarter Hours

Summer I 2008:    4.0    2.0    Quarter Hours

Summer II 2008:    4.0    2.0    Quarter Hours

The internship is designed to provide experiential learning experience in a government agency, industrial firm, business, or non-profit organization.

### **Setting Up an Internship in Chemistry**

This course is intended for students who plan to work part time (over a quarter) or full-time (during the summer) in a non-academic chemistry position. Students will be required to formally set up their internships through their internship employer and in consultation with a chemistry faculty member who will serve as their campus internship advisor. Evaluation and assessment of student performance will be carried out by the faculty internship advisor.

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\* Note that 4.0 Quarter Hours of internship time must be completed to receive Experiential Learning credit. This can be taken in one quarter for 4.0 Quarter Hours or spread over two quarters for 2.0 Quarter Hours each.

## **Internship Topics**

The topic of the internship itself is variable, depending on student interest and internship availability. Students are encouraged to seek out experiences with companies or organizations which interest them. Some local private or government-sponsored chemical businesses and industries in the northern Illinois area that in the past have accepted our students as interns include the following:

Abbott Laboratories  
Baxter Healthcare Corporation  
Crown Cork & Seal, Inc.  
Gabriel Environmental Services  
H. B. Fuller Company  
Motorola, Inc.  
National Starch and Chemical Company  
Pfanstiehl Laboratories, Inc.

As additional opportunities become available, information about each will be e-mailed to students signed up for the chemistry department e-mail list.

## **Expectations**

Students will be expected to spend between ten and forty hours per week at the internship site (depending upon whether they are working part-time during the school year or full-time during the summer). For predetermined amount of time each week, students will meet with their faculty advisors to describe and discuss their experiences. Students will be expected to write reports detailing their experiences. In this way, students will be able to demonstrate what they have learned about doing chemistry in the “real world” and at the same time interest other students in doing similar internships. Faculty advisors will also communicate periodically with the student’s internship supervisor to make sure that the student is putting in the correct number of hours and performing acceptably.

The internship experience satisfies the requirement of at least 25 or more hours of “experiential” learning (100-200 hours minimum will be required for a chemistry internship) and 15 or more hours of “instructional” learning over the period of the course.

