

**Chemistry 391**

**Spring 2007**

**Chemistry Staff**

## **Research/Focused Inquiry**

### **Course Syllabus**

**Course Description:** Laboratory and library work under the direction of a faculty member and designed to introduce the student to fundamental research procedures and data interpretation in the context of a research project. Upon completion of the work, written and oral reports must be presented to the department. This course may be taken more than once. Prerequisites: Chemistry 205a or 291. Six hours of laboratory per week. *Two semester hours.*

**Textbook:** None

**Course Requirements:** There are no class meetings and no exams. You should devote at least six (6) hours of work a week to your research project at a regularly scheduled time to be arranged with your research advisor. You must keep a complete and accurate scientific notebook, which will be provided to you and will remain the property of your research advisor. Near the end of the semester, you will give a short oral presentation on your research accomplishments before an audience of the chemistry faculty and other research students. This will take the form of a **poster presentation on Monday, April 30<sup>th</sup>, at 12 noon on the 2<sup>nd</sup> floor atrium of Pfahler Hall.**

**Grading:** Your grade will be determined by your research advisor, with consensus of the entire Chemistry Faculty. You will be graded on the quality of your research work, laboratory technique, notebook, written report, and your final oral presentation. Insufficient time spent on your project may result in the grade of F. Other factors in determining your grade will be your ability to use your time efficiently and your compliance with all appropriate safety procedures.

**ACADEMIC HONESTY:** Please review the sections on Academic Honesty in your student handbook. Pay special attention to citing sources, especially if using figures or tables from other sources, for your written work.