

Chemistry 3442

Syllabus

Spring, 2009

Time and Place:

Monday, Wednesday, Friday @ 10:10 a.m.; 307 Rogers Hall

Instructor:

Dr. M. Dan Thompson

301 Rogers Hall

Office Hours: 11;15-12:15 MWF; 9:00-10:00 T; Thursday mornings in the library

Other times available and *welcome* by appointment.

Department office: 864-1505; Dr. Thompson's office: 864-1675

e-mail: dthompson@ngcsu.edu

Textbooks:

Lecture: Ege, Seyhan N. *Organic Chemistry: Structure and Reactivity, 5th Ed*, Houghton Mifflin Co., Boston, 2004.

Course Description:

Continuation of Organic Chemistry I. The chemistry of aromatic compounds, alcohols, aldehydes, ketones, carboxylic acid derivatives, condensation reactions, and biological molecules will be emphasized.

Prerequisites:

Successful completion (C or better) of Chemistry 3441 and 3441L. Chemistry 3442L is a co-requisite.

Attendance:

Regular attendance is mandatory. This is not only because of College policy, but also to enable you to keep up with the tremendous amount of material offered in this course. Also, Organic Chemistry is one of the toughest courses in which to "catch-up". As provided by the NGC&SU 2004-2006 Bulletin, page 71, I reserve the right to drop any student for excessive absences (14%). This comes to 6 classes.

Grading:

The grade for this course will be based upon six equally weighted components. These will include five exams (including a comprehensive final) and the average of a series of short, unannounced quizzes. Grades **will** be assigned on a standard ten-point scale (A, 90-100; B, 80-89; C, 70-79; D, 60-69; F, 0-59).

Exams:

The exams will include portions dealing with nomenclature, physical/chemical properties, reaction mechanisms, and synthesis. Although the exams will be rigorous, if your understanding of the material will allow you to work the problems at the end of the chapter (without looking back over the material), you should be able to do well on the exams. The Student Study Room (Rogers 315) and my website have other reference materials that may be useful. The following exam schedule will be observed.

January 30	Exam 1 (Chapters 10, 13)	- Friday
February 27	Exam 2 (Chapters 14, 15)	- Friday
March 27	Exam 3 (Chapters 16,17)	- Friday
April 20	Exam 4 (Natural Products)	- Monday
April 22	Final Exam (ACS Exam)	- Wednesday

The quizzes will be short (one or two questions) and will cover the preceding days lecture or text material to be covered the current day. The lowest quiz grade will be dropped and the remainder will be worth an exam grade. These are given in order to encourage daily study and preparation.

Honor Code:

NGCSU abides by a strict honor code in its classrooms and in its admissions practices. The code states, "I will not lie, cheat, steal, plagiarize, evade the truth or tolerate those who do." Violation of this code constitutes grounds for suspension or expulsion from the university.

Class evaluations:

Class evaluations at NGCSU are now conducted on-line through Banner. Evaluation of the class is considered a component of the course and students will not be permitted to access their course grade until the evaluation has been completed. The evaluations will be accessible beginning one week prior to Final Exam week. Specific instructions will be made available when the surveys are activated.