

# INTRODUCTION TO GENERAL, ORGANIC & BIOCHEMISTRY II LABORATORY

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**3150:113**  
Spring, 2012

KNCL-304/306

**DESCRIPTION:** Prerequisite/Corequisite: 3150:112. Sequential. Laboratory course applying principles of chemistry and fundamentals of inorganic, organic and biochemistry.

**TEXTS:** *Introduction to General, Organic, and Bio-Chemistry Laboratory 111/113* (required)

## SCHEDULE:

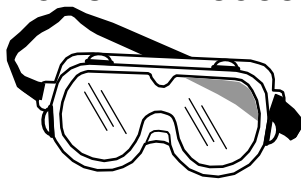
WEEK OF	EXPT.	SUBJECT	QUIZ
01/09		Check-in and Safety Instruction	
01/16		<b>NO LAB</b>	
01/23	11	Molecular Models	Safety
01/30	12	Identification of Functional Groups	Gexp11
02/06	13a	Synthesis of Et Salicylate from Aspirin, Part I*	Gexp12
02/13	13b	Synthesis of Et Salicylate from Aspirin, Part II*	
02/20		<b>NO LAB</b>	
02/27	14	Synthesis of Aspirin	Gexp13
03/05	15	Preparation of Soap	Gexp14
03/12		<b>NO LAB</b>	
03/19	16	Isolation of Natural Products I: Lipids	Gexp15
03/26	17	Isolation of Natural Products II: Proteins	Gexp16
04/02	18	Analysis of Vitamin C	Gexp17
04/09	19	Urine Analysis	Gexp18
04/16		Check-out	Gexp19

\* These labs can not be dropped.

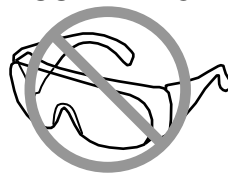
## UNIVERSITY POLICIES

All applicable UA policies are in force in this course. This includes, but is not limited to:  
Civility Statement  
Student Code of Conduct  
Sexual Harassment Policy

**SAFETY.** Eyes, legs, and feet **must** have protective clothing. Consistent with the provisions of *Freshman Laboratory Policies, Procedures and Rules*, any clothing that exposes the legs and feet are unacceptable attire for this course. **REGULATION SAFETY GOGGLES MUST BE WORN IN THE LABORATORY:**



REQUIRED:  
Safety Goggles



NOT ACCEPTABLE:  
Safety Glasses

**SCHEDULING.** The actual order of experiments may vary. Material may be added, deleted, or rescheduled as class need requires or time permits. If the University closes on the day a class is scheduled, the experiment and/or quiz may be rescheduled. Failure to complete an experiment or take a quiz will result in a zero (0) grade. **NO PROVISION CAN BE MADE FOR MAKE-UP SESSIONS.**

**QUIZZES.** Ten 5-point quizzes, covering pre-lab material in the most recently completed experiment, will consist of 4-5 free response questions (except the safety quiz). The lowest grade will be dropped.

**EXPERIMENTS.** Each experiment will be graded on a 10-point basis. (Experiment 13, Synthesis of Ethyl Salicylate from Aspirin, counts as *two* 10-point experiments.) Pre-lab exercises must be turned in **at the beginning** of each lab session. Data and calculations sheets must be turned in **by the end** of each lab session. The lowest grade (with the exception of the grade for Experiment 13) will be dropped.

**GRADING.** Grades are based on point scores calculated as follows:

Quizzes (9 @ 5):	45
Experiments (1 @ 20, 7 @ 10)	90
Maximum point total:	135

A :	100-93%	C :	76-73%
A-:	92-90%	C-:	72-70%
B+:	89-87%	D+:	69-67%
B :	86-83%	D :	66-63%
B-:	82-80%	D-:	62-60%
C+:	79-77%	F :	<60%

**STUDENT PARTICIPATION.** Each student is expected to attend all lectures. A student may add/drop this course in accordance with the procedures described in the current Academic Catalog. **NON-ATTENDANCE DOES NOT CONSTITUTE OFFICIAL WITHDRAWAL.**

**NEW DROP/WITHDRAWAL POLICY:**

**Drops:** New and Continuing students may DROP a course **via ZipLine** through January 23. Courses dropped **by January 23** will not appear on a student's transcript. No signatures are required to drop a course.

**Withdrawals:** New and Continuing students may withdraw from a course **between January 24 and February 26 via ZipLine**. A WD will appear on the student's transcript. No signatures are required to withdraw from a course.

Any student involved in academic dishonesty such as plagiarism or similar misconduct will automatically receive a grade of F. In such instances, further penalties, including probation and dismissal, will be administered in accordance with the provisions of the ***Student Disciplinary Procedures***.

**OFFICE HOURS.** Students should schedule consultation with their instructor on an as-needed basis.