A. Course Description

Credits: 1

Prerequisites:
CHEM 112L General Chemistry II Laboratory AND
MATH 115 College Algebra
OR
CHEM 112 General Chemistry II AND
MATH 120 Precalculus

Lab Hours/ Weeks:
Corequisites: CHEM 231 - Organic Chemistry I

Lecture Hours/ Week :

MnTC Goals: None

This course provides the laboratory experience to accompany Chem 231 Organic Chemistry I. This course introduces the techniques, specialized equipment, instrumental methods and safety procedures common in an organic lab setting. Students get hands-on experience with the instrumentation, equipment, hazardous material procedures, and multi-step methods employed in the synthesis of larger, more complicated organic structures from simpler molecules.

B. Course Effective Dates: 08/23/2008 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

2. Apply the concepts learned in lectures.
3. Perform laboratory techniques safely and accurately.
4. Understand and consistently apply principles of scientific ethics and academic integrity.
5. Use several procedures and instruments and record their observations in formal lab reports, using proper laboratory, data analysis, and scientific writing skills.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Note: First day attendance required except by instructor permission. CHEM 231 and 231L must both be in the cart at the same time when you register.