

## Identification of Organic Compounds

Chemistry 380

Section: D100

Term: 2000 Fall

Instructor: Under construction

Dr. M. Pinto.

Office: C8078.

Discussion Topics: General Course Description:

Basic principles of infrared, ultraviolet, nuclear magnetic resonance and mass spectroscopy as applied to the identification of organic compounds.

3 x 1 hour lectures for 8 weeks, 1 x 4 laboratory period for 12 weeks.

Grading: 50% Exam and problem sets.

50 Laboratory.

Required Texts: Silverstein & Webster, "Spectrometric Identification of Organic Compounds". 6th Edition 1998. Publishers - J. Wiley & Sons.

Recommended Texts: None

Materials/Supplies: None

Prerequisite/Corequisite: Prerequisite: CHEM 282 and 286 (or 250 and 255).

Notes: None

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