

# MEDICINAL CHEMISTRY II

(30:715:410)

SPRING 2010

## Required Reading:

- Medicinal Chemistry II - Handout
- Foye's "Principles of Medicinal Chemistry, Sixth Edition," By Thomas L. Lemke and David A. Williams, Lippincott Williams & Wilkins, 2008.

Homepage: <http://medchem.rutgers.edu/MedChemII/index.shtml>

## For Supplementary Reading Material See:

- Organic Pharmaceutical Chemistry, by J. E. Rice

Please review the Drug Metabolism PowerPoint presentation found on the class website under tutorials: [http://medchem.rutgers.edu/MedChemI/Drug\\_Metabolism.htm](http://medchem.rutgers.edu/MedChemI/Drug_Metabolism.htm)

**PART A: (January 20 - February 17) Professor LaVoie**

**Reading Assignment: Handout Material; Foye – Chapters 38, 39, 40, 41, 43**

- *Antibacterial Agents*
- *Antifungal Agents*
- *Antiprotozoals and Antithelminthics*
- *Antiviral Agents*

**EXAM # 1 - Friday, February 19, 4:30 (ARC 103)**

**PART B: (February 22 – March 10) Professor LaVoie**

**Reading Assignment: Handout Material; Foye – Chapters 42, 33, 45, 46, 32**

- *Antineoplastic Agents*
- *Steroids*
- *Blood Glucose Regulators*

**EXAM # 2 - Friday, March 12, 4:30 (Lucy Stone Hall Auditorium, Livingston)**

**PART C: (March 22 – April 7) Professor Hu**

**Reading Assignment: Handout Material; Foye - Chapters 18, 19, 20, 22**

- *Central Nervous System Depressants*

**EXAM # 3 - Friday, April 9, 4:30 (ARC 103)**

**PART D: (April 12 – April 30) Professor Rice**

**Reading Assignment: Handout Material; Foye - Chapters 16, 24, 36**

- *Local Anesthetics*
- *Analgesics*
- *Prostaglandins*
- *NSAIDS*

**EXAM # 4 Monday, May 3, 8:30 (ARC 103)**

## POLICY ON GRADING IN MEDICINAL CHEMISTRY 410

**Grading:** In addition to the four examinations (worth 90% of your grade), there may be **ANNOUNCED OR UNANNOUNCED QUIZZES** throughout the semester, worth 10% of your semester grade. All quizzes will be based on important concepts discussed in class as well as on the reading assignments from the handout and textbook. **Make up quizzes are not given.** Attendance is mandatory! Students are expected to be in class and ready for lecture at the scheduled time. Grades in medicinal chemistry are based solely on the numerical average of your tests and quizzes and are not curved. **Grades:** **A**, 100-90; **B+**, 89-85; **B**, 84-80; **C+**, 79-75; **C**, 74-70; **D**, 69-60; **F**, <60.

**Exams:** Have student ID or photo drivers license face up on desk during exams. Calculators, PDAs, cell phones, pagers, portable radios, etc may not be used during exams. When you enter the exam room you are to **TURN OFF** all cell phones and pagers and you may not have them on your person during the exam. Textbooks, notes, and handouts may NOT be opened once you enter the exam room. Come prepared with 2 or 3 pens or pencils. You may not ask any questions during the exam. If you wish to dispute something on the exam write a note in the margin. When the announcement to “put your pencils or pens down” is made you must **immediately stop writing**. If you continue to write your exam may not be accepted or you might lose points. When it is announced in class that your exams and quizzes may be picked up you will have 7 calendar days to submit them for regrading. **No regrading of any exam or quiz for any reason will be done after 7 days.**