

MEDICINAL CHEMISTRY II

(30:715:410)

SPRING 2017

Reading:

- *Foye's Principles of Medicinal Chemistry*, Seventh Edition, By Thomas L. Lemke, David A. Williams, Victoria F. Roche, and S. William Zito, Lippincott Williams & Wilkins, 2013
- *Organic Chemistry Concepts and Applications for Medicinal Chemistry*, Joseph E. Rice, Academic Press, 2014, Softcover; ISBN 9780128007396 or eBook; ISBN 9780128008324.
- *Class Notes* - see the Resources Section on the class Sakai Site

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

PART A: (January 18 - February 8) Professor LaVoie

Reading: Class Notes; Rice – Chapters 6 and 7; Foye – Chapters 33, 34, 35, 36, 38

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

EXAM # 1 – Friday, February 10, 3:15 – 4:45 PM, ARC-103

PART B: (February 13 – March 8) Professor Chackalamannil

Reading: Class Notes; Rice – Chapters 6 and 7; Foye – Chapters 37, 28, 27

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

EXAM # 2 – Friday, March 10, 3:15 – 4:45 PM, ARC-103

PART C: (March 20 – April 5) Professor Rice

Reading: Class Notes; Rice – Chapters 6 and 7; Foye - Chapters 16, 20, 31

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

EXAM # 3 – Friday, April 7, 3:15 – 4:45 PM, ARC-103

PART D: (April 10 – May 1) Professor Hu

Reading: Class Notes; Rice – Chapters 6 and 7; Foye - Chapters 13, 14, 15, 16, 17

- *Central Nervous System Depressants*

EXAM # 4 Wednesday, May 3, 3:30 – 5:00 PM, 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 class notes and textbooks. **Make up quizzes are not given.** There is no final exam for Medicinal Chemistry 410. 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. You may calculate your semester average using the following equation: **$0.9(\text{exam average}) + 0.1(\text{quiz average}) = \text{semester average}$** . **Grade ranges are:** A, 100-90; B+, 89-85; B, 84-80; C+, 79-75; C, 74-70; D, 69-60; F, <60. All averages are calculated to two decimal places and are rounded up; thus a semester average of 79.50 is a B while an average of 79.49 is a C+.

Absence From Class: Students are expected to attend all classes; if you expect to miss one or two classes, please use the University absence reporting website <https://sims.rutgers.edu/ssra/> to indicate the date and reason for your absence. An email is automatically sent to the faculty coordinator.

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 to the responsible faculty member for regrading. A note must be attached to the exam indicating exactly what you wish to have regraded. **No regrading of any exam or quiz for any reason will be done after the 7 days.**