**Lecture 1:** Monday, April 3rd – General Reactivity I

**Lecture 2:** Wednesday, April 5th – General Reactivity II

**Lecture 3:** Friday, April 7th – General Reactivity III

**Lecture 4:** Monday, April 10th – Pyrroles

**Lecture 5:** Wednesday, April 12th – Pyrroles/Furans/Thiophenes

**Lecture 6:** Friday, April 14th – Indoles

**Review Session #1:** Wednesday, April 19th

**Lecture 7:** Monday, April 24th – Indoles/Benzofurans

**Lecture 8:** Wednesday, April 26th – Pyridines

**Lecture 9:** Friday, April 28th – Pyridines/Quinolines

**Lecture 10:** Monday, May 1st – Case Studies

**Lecture 11:** Wednesday, May 3rd – Pyryliums/Pyrones

**Midterm:** Friday, May 5th

**Lecture 12:** Friday, May 12th – Di-, Tri-, and Tetrazines – [PROBLEM SET 1 DUE]

**Lecture 13:** Monday, May 15th – 1,3-Azoles

**Lecture 14:** Wednesday, May 17th – 1,2-Azoles

**Lecture 15:** Thursday, May 18th – 1,2-Azoles

**Seminar:** Monday, May 22nd – Guest Lecturer Martin Eastgate

**Seminar:** Wednesday, May 24th – Guest Lecturer Martin Eastgate

**Lecture 16:** Thursday, May 25th – Purine Case Studies

**Seminar:** Friday, May 26th – Guest Lecturer Martin Eastgate 2:00 pm – 3:00 pm

**Lecture 17:** Tuesday, May 30th – Benzodiazepines

**Lecture 18:** Wednesday, May 31st – Alkaloid Biosynthesis 101

**Lecture 19:** Friday, June 2nd – Azoles/Bridging Heterocycles

**Lecture 20:** Monday, June 5th - Heterocyclic Potpourri

**Lecture 21:** Tuesday, June 6th – Heterocyclic Millionaire - [PROBLEM SET 2 DUE]

**Review Session #2:** Thursday, June 8th

**Review Session #3:** Friday, June 9th

**Final:** Tuesday, June 12th – [Project DUE]

Grades: Midterm (35%), Final (35%), Problem Sets/Project (30%)

**Midterm and Final are open note exams**

**Definition of "open notes":** Only handwritten notes (from lectures and any other source), no copies allowed.

Lecture summaries are the only handouts permitted during test.

**Heterocycle Project**

Details to follow.