Molecular and General Genetics
BZ 350 (50318) Summer 2015
SYLLABUS

Lectures: 10:15-11:35 AM, Mon thru Thur, Microbiology A101

Recitations:
  Section RO1 (50319), 11:45-12:35 Mon & Wed, Yates 208
  Section RO2 (50320), 11:45-12:35 Tue & Thur, Yates 208
  Section RO3 (54574), 11:45-12:35 Mon & Wed, Yates 206

Instructors:
  Lectures: Dr Michael Dewey; (970)689-3035; E-mail (mjdewey@gmail.com)
            Office hours: Most Sundays 6:00-7:30 PM in the Morgan Library study room 301F; other
times by appointment (email is best). Also there will be a review session a day or two
preceding each exam.

  Rec Section 1: Erik Mohlhenrich (erik.mohlhenrich@colostate.edu)
             Office Hours: M/W, 12:35-1:35; Yates 208

  Rec Section 2: Danielle (Maitland) Lattes (maitland@rams.colostate.edu)
             Office Hours: T/R 12:35-1:35; Yates 208

  Rec Section 3: Elizabeth (Liz) Harp; E-mail, (eharp@rams.colostate.edu)
             Office Hours: M/W 9:00-10:00; Yates 206

Text: Genetics from Genes to Genomes by LH Hartwell et al. 2011, 4th edition: Selected Chapters.
(required).

Web site at (http://ramct.colostate.edu) carries the following:
  1. Weekly reading and recitation problems, parts A and B (posted at the end of each week).
  2. Answer keys to the recitation problems (posted after each recitation).
  3. Study guides for each of the three exams
  4. Answer keys for each of the exams during the semester.
  5. Odds & ends of supplementary materials, including some material covered in class but not in
the book.

Homework and Reading Assignments:
  At the end of each week the course Web site (http://ramct.colostate.edu) will have postings for:
  1. Reading assignments in the textbook for the next week’s lectures.
  2. Problem assignments and their due dates:
       a) Problem set A: due on Wed for the Wed/Thur recitations the following week.
       b) Problem set B: due on the succeeding Mon for the Mon/Tue recitations.
  3. NOTE: Homework MUST be turned in before the beginning of the lecture on the due date. It
will not be accepted after that. There are absolutely NO exceptions. The due date is the same
for all three sections. (During the lecture the TAs grade the homework and hand out the
results in the recitation the same day.)
Lecture Examinations: There will be **two non-comprehensive exams** and a **comprehensive final exam**. Students are held responsible for the material in the **same detail** as presented in class and recitation.

- Exam I, Thur, July 2
- Exam II, Thur, July 23
- Final Exam, Thur, Aug 6 (the Final Exam is comprehensive and includes roughly 50% new material and 50% material covered on the first two exams).

**There are no makeup exams.** Missed exams count as zeros unless a valid excuse in writing is presented. If some untoward circumstance prevents you from showing up for an exam, it is essential that you alert me of that fact **BEFORE** the exam.

**Students are responsible for bringing their own calculators to exams.** Calculators should be capable of calculating **powers** of numbers. Programmable calculators are not allowed.

Format and grading for recitation:

All students take recitation. Grading is based on homework performance and attendance.

Two sets of **homework problems** are due each week. One set on Weds of the next week and the other on Mondays of the week following, at the beginning of each lecture period. Assignments for both of these sets appear on the Web site at the end of the preceding week. **Homework will not be accepted if turned in late. NOexceptions**

*(For full credit on your homework, write your reasoning for the answers in full sentences and show your math. Be sure to write your name, and the name of your TA (Eirk, Danielle, or Liz) on each page of your homework, and paperclip or staple your homework pages together.)*

The lowest two grades are dropped when averages are calculated.

**Grading:** Grades will be based on examinations, homework, and recitation attendance. Each student's grade will be based on 360 possible points. Each of the three classroom exams is worth 100 points, and the recitation grade is worth 60 points.

*(Three pop quizzes will be given during the course term counting 4 bonus points each, and which will be added respectively to each of the exams.)*
Three Week Recitation Cycles

At the end of the Week 1
- Recitation Problem Sets A and B, and their Keys, will be emailed to the TAs
- Recitation Problem Sets A and B (and not their Keys) will be posted on the class site (blackboard for the students).

Homework for Problem Set A (all recitation sections) is to be handed in on Wed of Week 2 before lecture, and will be discussed in the Wed/Thur recitations.

Homework for Problem Set B (all recitation sections) is to be handed in on Mon of Week 3, and will be discussed in the Mon/Tue recitations.

The keys to each Problem Set will be posted on the class site for the students after the recitations have met.

Exceptions.
- For the first week of the semester A &B problem sets are posted on the web site on Mon (instead of the end of the preceding week) for obvious reasons.
- Recitation classes will meet Mon and Tue of the first week for Meet-and-Greet purposes.
- On two occasions ALL recitation sections will be held the same day (doubling up).
  1. Exam I is scheduled for Thur July 2 and I don't like to have recitation the same day as an exam. ALL recitation sections (covering Week III A) will be held Wed July 1.
  2. Ditto for Exam II which is scheduled for Thur July 23. Both recitation sections (covering Week VI A) will be held Wed July 22.

(Any students presenting a conflict due to doubling up on the recitation sections will be given a bye for attendance, but must hand in the homework. Arrange ahead of time with your TA)