

## **BIMM 101      Recombinant DNA Techniques      Spring2014**

Dr. Mandy Butler  
mabutler@ucsd.edu

Office hours: Mondays at 11 AM  
York 3080 D

Lecture and lab : Tues-Thurs 11:00- 4:30 PM      York 3406

### **Learning goals and outcomes – please see detailed document on Ted**

#### **Required texts:**

1. BIMM 101 Lab Manual from University Readers
2. *From Genes to Genomes* by Dale (1<sup>st</sup>, 2<sup>nd</sup>, or 3<sup>rd</sup> edition)  
electronic version of 3<sup>rd</sup> and 1<sup>st</sup> edition available on Roger
3. Readings on TED

#### **Required Materials – needed by second day of class:**

Labcoat (the bookstore has cheap ones)  
UV blocking safety glasses (also at bookstore)  
Lab notebook with carbon copies (bookstore or Grove general store)  
Fine point Sharpie for labeling – get a dark color  
Calculator – you cannot use a cell phone in lab!  
Long pants and close-toed shoes

**Remember that lab attendance is required – if you miss two labs, you will be asked to drop the course.** If you are ill, you must leave a message with your instructor, not your TA, and make up the lab in a way that we will determine. You must be on time for lab; the TAs go over the experiments at the beginning of lab, and also quizzes are administered then.

#### **Grading:**

**1. Quizzes: 40%** Starting on April 8, there will be a quiz once a week on Tuesday at the beginning of lab each week (see calendar on TED) for week 2, 3, 4, 5, 6, 7, and 8 worth 5% of your final grade, except for the quiz in week 6 which will be worth 10%. The quizzes will cover the lectures, readings, and lab experiments from the previous week, and the purpose of that day's lab. I will post a study guide for each quiz on TED.

**Note:** If you come into lab late and miss the quiz, you will receive a zero for that quiz.

**2. Assignments: 30%** There will be both carbon submissions and home-works varying in worth and format that will make up 30% of the final grade. Guidelines for each of the submissions will be posted on TED and due dates will be on the TED calendar. The home-works must be submitted to Turnitin on TED and must be handed within 10 minutes of the start of you lab. Any homework's that are handed in late that day will be penalized by deducting 5% of the total grade; for each additional day a report is late, it will another 5% will be deducted.

Although you will be doing the experiments and collecting data with a partner, you must hand in your own homeworks, written in your own words. **Copying someone else's homework is cheating (see below). This also means copying from past quarters!**

**3. Exams 30%:** There will be a comprehensive exam on the last day of class, June 6, during the lab period.

**4. Lab performance and experimental success:** Your preparedness for lab, your participation in class, and the quality and success of your experiments will be all be considered when assigning your final grade. This will be especially important if you are on the borderline between grades.

Absences: If you miss one lab with no excuse, you will lose 5% from your final grade. If you miss two labs, you will receive an F for the course.

**Final grade:**

The total points for the course is 500. Grades will be based on your total points as a percentage of 500. The cutoffs are strictly adhered to.

97+ = A+	80 up to 83 = B-
93 up to 97 = A	76 up to 79 = C+
90 up to 93 = A-	72 up to 75 = C
87 up to 90 = B+	67 up to 71 = C-
83 up to 87 = B	60 up to 66 = D
	Below 60 = F

**Policy on cheating:** anyone caught cheating (includes plagiarizing lab reports, cheating on a test, or changing an answer for a re-grade) will be reported to the Academic Integrity Office.

**Note: Just coming to lab does not ensure that you will get a passing grade in the class. You must hand in all assignments and get passing scores on those assignments (an average of 67) to get a C- in the class.**

**Letters of recommendation:** Letters of recommendation will only be written for students who receive an A or an A+, have good academic records and realistic goals, and who have been active participants in the in the course (this means that I need to know who you are because you have come to office hours, or that you have asked and answered questions in class, etc.). If I think I don't know you that well or don't have too much to say about you, don't take it personally but I will probably decline your request to write a letter. If you think you may want a letter of recommendation at some point in the future, please save your graded home-works.