

BIMM 101 Recombinant DNA Techniques Fall 2014

Dr. Keefe Reuther
kdreuther@ucsd.edu

Office hours: Monday 1-2pm and Wednesday 4-5:30pm
Office: HSS 1145D

Lecture: Tues-Thurs 11am-12:20pm Sequoyah 148
Lab Tues-Thurs 12:30–4:30 PM York 4406 and York 3306

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 (1st, 2nd, or 3rd edition)
electronic version of 3rd and 1st edition available on Roger
3. Readings on TED

Required Materials – needed by second day of class:

Labcoat – must be to knees
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
Basic 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 Oct.9, there will be a quiz once a week on Thursday at the beginning of lab each week for week 2, 3, 4, 5, and then on Tuesday for weeks 7, 8, and 9 (see calendar on TED). The quiz in week 5 which will be worth 10%; all other quizzes are worth 5%. 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, Dec.11, during the lab period.

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.