

## Course Description and Requirements

### How to reach Steven Kim:

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Office: 4077D Young Hall  
Office Hours: After Lecture 12-12:15pm. Location: 4077D Young Hall.  
Additional Office hours: TBA  
Day before Exams: Review Sessions TBA.  
Day of Exam: 10-11 am, Location: 1077 Young Hall.  
*You are welcome to set up an appointment with me outside of these times or just stop by anytime at my office or during labs.*

**Required Text:** The Lab Manual & Course Reader is available at Course Reader Material.  
1141 Westwood Blvd., Westwood Village (310) 443-3300

**Other Handouts:** Available on-line: [VOH.chem.ucla.edu](http://VOH.chem.ucla.edu). Go to Biochem. Class and then 153L.

**Required Materials for Labs:** Lab manual, long lab coat, closed toed shoes, safety glasses, ruler, mm graph paper (see VOH for paper), calculator, and lab notebook.

**Report Forms:** All lab reports will use the instructions/forms from the course reader companion unless changed by instructor.

Announcements, answers to exam questions, schedule of lectures, and office hours will be posted on VOH. For previous quarters' exams on VOH, go to <http://voh.chem.ucla.edu> and then to Useful Links, Previous Quarters' VOH Webpages.

If you have any questions, you may also submit questions on-line through VOH.

**Course Policy:** See lab manual pages 1 through 2 for basic details. The following are clarifications for some of these policies:

**Regrades for exams and lab reports:** To request a regrade, you are required to have a clearly written summary of how you demonstrated the answer the correctly. For exams, please refer to the answer key posted on VOH before submitting the regrade. Submissions for regrades will only be accepted within a week after you have received the graded exam.

**All work for this course must be original and individual.** Students are encouraged to discuss the data together with peers, TAs, coordinators, and the instructor. THIS IS WHERE THE COLLABORATIVE WORK ENDS. All work (written text, calculations, tables, graphs, etc.) must be individual and original. You may not borrow old reports and use them as guides. Any form of academic dishonesty will be immediately directed to the Dean of Students. For further explanation, look up [www.deanofstudents.ucla.edu](http://www.deanofstudents.ucla.edu).

**Make photocopies of your reports and protocols before submission.** If there are any submissions found missing once the reports are collected, the TA will presume the work was never handed in. IT IS YOUR RESPONSIBILITY TO MAKE BACK UP COPIES OF ALL REPORTS. **YOU MAY NOT USE THE COPY MACHINES IN 1060 YOUNG HALL. THAT IS FOR PRINTOUT DATA ONLY.**

**Students must follow all safety guidelines.** Any student failing to follow the safety guidelines and rules will either be asked to leave the lab resulting in zero for their report or be penalized accordingly. This may result in a failing grade for the course.

**Students must maintain the lab properly.** All students must handle the equipment with care and respect. All students must clean up after themselves. All students must dispose of waste in the proper containers. Any students failing to do this will lost points from their reports (At least 5% of the total graded score.)

**Designated Locked drawers – THERE ARE NO INDIVIDUAL LAB DRAWERS.** The lab drawers are no longer for individual use (cross out #13 on page 3.) Do not store any personal items or loaned equipment in the drawers. All tubes or cuvettes found in the drawers will be disposed of immediately. Your section will have a set of drawers that only the TAs will be access. Students are not allowed to go into these drawers themselves.

**Signed data sheets.** TAs are required to sign all data sheets that are to be used for your reports. Please do not print out data that is not useful. When working with groups, please have them signed before you make copies. IMPORTANT: If time is short within the period, the TA may not be able to check the accuracy, reproducibility, or meaning of your data. It is ultimately your responsibility to make sure your data is meaningful before you leave the lab. Experience has shown that students who have prepared their protocols and thought about the predicted data will be able to efficiently make conclusions while the data is being generated. In experimental research, time is the most expensive commodity!

### **Grading:**

Midterm Exams (5x80 pts.)				400 pts.
Lab Practical				160 pts.
Part I. Protein Assay (80 pts.)				
Part II. Enzyme Assay (80 pts.)				
Drop lowest of mid-term relative to midterm average (Scores will be normalized to the same average) or drop one half of the lab practical.				-80 pts.
In-lab quiz (Introductory Lab 1)				20 pts.
Lab Reports (detailed below)				400 pts.
	Protocol	Lab Report	Total	
Intro Lab 1		20	20	
Intro Lab 2a	10	50	60	
Intro Lab 2b	5	15	20	
Intro Lab 3	10	50	60	
Progress Report 1	10	10	20	
Progress Report 2	10	10	20	
Final LDH Report	10	100	110	
Gel Electro.&Exclus.	10	20	30	
Kinetics	10	50	60	
<b>Grand Total</b>				<b>900 pts.</b>