

## Syllabus BICD 110 Cell Biology Summer Session I 2019

**Instructor: Carmen Teodorof-Diedrich, Ph. D**

Phone: 858 534 8722

Email: [cteodorof@ucsd.edu](mailto:cteodorof@ucsd.edu)

**Class Location: PETER 103, Tu/Th, 2:00-4:50 PM**

**Office Hours:** Friday 2:00-3:00 PM, Stein Clinic Research Building (SCRB), first floor conference room # 148 (go inside of SCRБ through room #146).

**Instructional Assistant: Julian Tam**, email: [jutam@ucsd.edu](mailto:jutam@ucsd.edu)

Office hours: TBA

**BICD 110 Web Site:** UCSD TED.

**Text:** Molecular Cell Biology, 8<sup>th</sup> Edition, Lodish et al. (optional/not required)

**Class Web Site:** The class web site is on TritonEd (<http://tritoned.ucsd.edu>). All class notice, PDFs for lectures, the syllabus, and PDFs for section problem sets will be posted here. Please check the web site regularly for updates, since this will be the main form of distribution of information to the class.

### Course description:

This is an upper division course on structure and function of eukaryotic cells. Lectures will cover: methods of cell biology research, membrane structure and dynamics, protein synthesis and sorting, signal transduction, cytoskeleton structure and dynamics, cell cycle and cell death, cells in development and disease.

### Date

### Subject

Jul 2: Methods in Cell Biology Research

Jul 4: Holliday

Jul 9: Membrane Biochemistry and Membrane Transport of Small Molecules/Ions

Jul 11: Endocytosis and Secretory Pathway I (ER)

Jul 16: Secretory Pathway II (Golgi, Lysosomes); Nucleus

**Jul 18: Midterm Exam (In Class/Mandatory),** Single Transduction I

Jul 23: Signal Transduction II

Jul 25: Signal Transduction III

Jul 30: Cytoskeleton I (Actin, Microtubules)

Aug 1: Cytoskeleton II (Motor Proteins), Cell Cycle/ Cancer

Aug 2: Review Session (TBA)

**Aug 3: Final Exam (TBA)**

**Exams and Grading:**

**Midterm** (July 18, in class) is **mandatory**.

**Final** (August 3, TBA) is **cumulative**.

40% Midterm + 60% Final or 100% Final (if beneficiary for the student)

**Makeup Exams:**

There will be no makeup exams for the midterm or final exams. **The midterm exam is mandatory** meaning that you need to be present and take the exam in order to qualify for the final exam. The final exam will be 100% of your final grade for being absent for the midterm (documented note for medical or family emergency).

**The grades will be calculated as:**

100-91.5% = A

91.5-87.5% = A-

87.5-83% = B+

83-79% = B

79-75% = B-

75-70.5% = C+

70.5-66.5 = C

66.5-62.5% = C-

62.5%-50% = D

50%-0 = F

**Extra Points and Participation:**

**A participation grade up to 5%** will be given for I>Clicker participation in the class (2.5%) and participation in the discussion sections (2.5%). I>Clicker questions will be asked randomly in lectures. Please register your iClicker in TED. Participation during discussion will also be noted.

**Sections:** Sections will go over the problem sets. Problem sets will not be graded during the sections.

**Problem sets:** This course covers a lot of different concepts, and requires you to understand them and apply them. To help achieve this, problem sets will be assigned, but not submitted for a grade. Problem sets will be posted on the class web site. The questions will refer to material covered in class and will often mimic those given on exams.

**Email etiquette:** Before e-mailing the instructors, consider carefully whether your question might be already answered in the syllabus, or whether it is best to ask your question in person during office hours. For example, it is difficult to e-mail about concepts that require drawings or demos. If you send an e-mail, make sure to **include BICD 110**. You must send your email from your UCSD address; please make clear who you are. As always, a well-written and professional e-mail greatly increases the likelihood that you will get a response in a timely manner.

**Re-grade Policy:** The purpose of re-grades is to protect you from potential mistakes made by overworked and underappreciated IAs. Requests for re-grading will be accepted only **within a week after midterm or final exams are graded and returned to students**. A clear written request with your name and student ID number (specify the question number and clearly describe why you think it was wrongly graded) has to be submitted first to your IA and then to me if the problem was not solved. **Exams must be written in pen** or will not be accepted for re-grade. Please be advised that exams will be photocopied before they are returned to you. Thus, **do not alter ANYTHING on an exam** for which you are submitting for re-grading. Any inconsistencies will be considered a breach in academic honesty and will be grounds for failure of the course.

**Students with disabilities:** If you have been given an Authorization for Accommodation (AFA) letter from the Office of Students with Disabilities (OSD), you must provide the instructor, and the OSD Liaison with a copy of the letter before any accommodations will be provided. All exam scheduling will be coordinated by you and the instructor, with involvement from the OSD Liaison as needed. In order to guarantee accommodations, you must follow the guidelines established by the Instructor and/or Liaison. OSD exams will run concurrently with the scheduled exam.

**Policy on Cheating:**

Anyone caught cheating (includes cheating on exams or changing an answer for a re-grade) will be reported to the Academic Integrity Office.

**Classroom etiquette in lectures and discussions:** The following rules are aimed to keep our classroom environment focused on the task at hand for you and your peers:

- Please arrive on time to lecture and discussion sections.
- Reading newspapers etc., is not allowed.
- Phones/tablets/computers/ must be off and out of sight during exam periods.

**The bottom line is that we will be considerate of one another at all times in lectures and in the discussions.**

**Letters of Recommendations Policy:**

I will write letters for students who receive an **A or above** in this course. If you think you want me to write a letter for you please make sure you are active during the class and talk to me during the office hours (ask questions, bring interesting scientific papers connected to the material we are studying). This will help me to observe your way of thinking and write a meaningful letter for you.

**Opportunities to get to know your Classmates, IAs and the Instructor**

I encourage you to take the opportunity to talk to your IA and to me about any class - or career- related issues. It is always a good idea to connect with your classmates, exchange information or form a study group.