

**Student:**

Name: **WU, TIANYAN**  
UID: **904-274-478**  
Phone: **310-825-2275**

Major: **Computer Science**  
Email: **twu1995629@g.ucla.edu**

**Faculty Mentor:**

Name: **GERLA, MARIO**  
Address:

Phone: **54367,52660**  
Email: **GERLA@CS.UCLA.EDU**

**Course Details:**

Course: **COM SCI 199**  
Units: **4.0**  
Course SRS: **187-894-215**  
Design Units: **2.0**

Grade Type: **LG**

Lab Units: **2.0**

**Course Description:**

Tutorial, to be arranged. Limited to juniors/seniors. Supervised individual research or investigation under guidance of faculty mentor. Culminating paper or project required. May be repeated for credit with school approval. Individual contract required; enrollment petitions available in Office of Academic and Student Affairs. Letter grading.

**Course Proposal:**

Please provide a short description of the research project you will be working on with faculty supervision. Include a brief description of how you will proceed both in the research phase and in your approach to the final project.

The research project is related to underwater data communication. My job includes refining the current website for NRL WaterCom website, which allows users to get access to the underwater modems from different parts of the world. I will also do some underwater communication experiments, and figure out how to access the modems remotely. I will eventually do many testings to see how the website work.

Please indicate the tangible evidence you will provide as proof of the work completed. Evidence of work may be in the form of a culminating paper or project.

At the end of the quarter, I will present a report which includes everything I have done during this research course

**Contract Terms:**

- A student who has an outstanding Incomplete in an Upper-Division Tutorial (195-199) may not enroll in another Upper-Division Tutorial until the grade of Incomplete has been removed.
- The student has successfully completed the EH&S Lab Safety Fundamentals Course if required. This course is required if the student is participating in research in Life Science, Physical Science, the Medical School or Engineering (except Mathematics (MATH), Statistics (STATS), Psychology (PSYCH), or Atmospheric and Oceanic Sciences (AOS). Students doing research outside these disciplines do not need to take the safety course.
- In order to enroll in an Upper-Division Tutorial (195-199), a student must have one of the following:
  - junior standing and at least a 3.0 GPA in his/her major field
  - senior standing
  - graduate standing
- The total number of units allowed for a letter grade in Upper-Division Tutorials (195-199) is 32.
- Credit for Upper-Division Tutorials in a single term is limited to a maximum of 8 units.
- Individual faculty mentors may sponsor a maximum of seven (7) students enrolled in an Upper-Division Tutorial in any one term.



- Tangible evidence of the work accomplished for an Upper-Division Tutorial must be submitted to the supervising faculty member and the department offering the course before a grade will be assigned.
- If approved enrollment in a contract course, I understand that I must submit to the HSSEAS Office of Academic and Student Affairs, 6426BH, a copy of my final report. The instructor's signature and final grade must be written on the copy of the report submitted.
- \* Students taking this course for excess units will NOT satisfy any degree requirements. Refer to <http://www.seasoasa.ucla.edu/> concerning HSSEAS policy on 199 and 194 course credit.

For faculty in the Medical School, Nursing School, Division of Life Sciences, Division of Physical Sciences or the Engineering School: By signing this contract the Faculty Mentor attests that the above listed student has received all required and appropriate safety training prior to beginning research in their laboratory. The Faculty Mentor understands that the student's safety is the Faculty's responsibility.

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Faculty Mentor Signature and Date

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Faculty Mentor's Department Undergraduate Vice Chair or Chair Signature and Date

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#### Contract Instructions

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- The School of Engineering requires students to submit the contract for approval to 6426 Boelter Hall before enrollment will be permitted.
- Obtain the necessary signatures.
- Obtain proof of safety training completion if required. Proof of training is required for all students participating in research in life science, physical science, medicine and engineering departments except Atmospheric and Oceanic Sciences (AOS), Psychology (PSYCH), Statistics (STATS) and Mathematics (MATH). Proof can be in the form of a printed certificate of completion or a printed email notification of completion from EH&S. Attached the proof of safety training completion to the contract.
- You should submit your completed contract to the department offering the course if you are in the College of Letters & Science or School of the Arts & Architecture or to the advising office for your School if you are in HSSEAS (6426 Boelter Hall) or Theater, Film & Television (103 East Melnitz Hall) before the enrollment deadline (Friday of the 2nd week of classes\*) in order to allow for processing time and to avoid late fees. \*Consult the department in advance for exceptions to this deadline. HSSEAS requires that contract forms must be submitted to 6426 Boelter Hall no later than Tuesday of week 2 to avoid the 3rd week add fee.
- It is your responsibility to check the status of your contract by returning to your MyUCLA Contract Courses page or by verifying your enrollment on your study list.
- Students who have not completed the appropriate safety trainings will not have their contracts approved.