



COLLEGE OF ENGINEERING
CaVIEW-Virtual Instruction for the Engineering World
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BERKELEY, CALIFORNIA 94720-1702

Dear Colleague:

Welcome to Berkeley course EECS 225C! My name is Danijela (pronounced “Daniella”) Cabric, and I will be the facilitator and mentor for Professor Robert Brodersen’s *VLSI Signal Processing* class. The DVDs for this course were recorded in Spring 2003 semester and include the latest material on the design and VLSI implementation of wireless communication systems.

I am a Ph.D student in the field of communications, specializing in wireless communication design and implementation. I am working at the Berkeley Wireless Research Center under the sage guidance of Professor Robert Brodersen. My research interests include design of multiple antenna algorithms, with specific focus on their implementation on reconfigurable processors and testing in wireless channels.

EECS 225C has been one of the most useful and interesting classes I have taken at Berkeley. It is a very cross-disciplinary class that teaches how communication theory and signal processing algorithms are used in wireless system design, and how to efficiently implement them for speed or area requirements.

I will be watching the course DVDs each week along with you. If you have any questions, please do not hesitate to contact me. My telephone office hours and other critical information are detailed in the course information packet you will receive when you enroll in this course. If you wish to reach me outside my regular office hours, call the Cal VIEW office at (510) 642-5776, and they will contact me. I will return your call promptly.

Five conference calls are scheduled for this course. I will make an introductory conference call at the beginning of our session, followed by two more calls later during the run of the course. Professor Brodersen will host TWO conference calls with the engineers taking this course.

Those who sign-up for this course undoubtedly will have a wide variety of backgrounds and expertise, and conference calls provide the opportunity for all of us to benefit and learn from each other’s questions and personal specialties.

This course will have 4 homeworks, which will be distributed throughout the session. Also, there will be a term-long project. The tentative due-dates are posted in the course syllabus, but we can modify them as needed.



Danijela Cabric

You will need access to MATLAB Simulink software tools for implementation of your homeworks and the project. All work will be thoroughly corrected and discussed, but not graded, unless your manager requires that grades be submitted.

I encourage you to take advantage of the resources that are available to you, especially the time that I have set aside as my telephone office hours. Additionally, I urge you to try and keep to the work schedule of the course, as I know that this is especially important to your manager.

Homeworks must be submitted in their hard copy form (not a FAX). In a case of emergency, when you are not able to have your assignment postmarked by its due-date, you may FAX it to us. We will accept it by 5 pm (Pacific Time) on the due-date. Receiving your work on time will allow a fast turn-around time for correcting and discussion of the work.

All items should be addressed to my attention at the Cal VIEW Office, 205 McLaughlin Hall #1702, College of Engineering, University of California, Berkeley, CA 94720-1702. The phone number is (510) 642-5776 and the fax number is (510) 643-5877.

I have included a sheet of return labels in the information packet for the return of your homeworks. If you need additional labels, just let the CalVIEW office know, and they will send you more. Also, please make a copy of everything you send me, in case work disappears en route, and **DO NOT FORGET** to put your name, the course number (EECS 225C) and the homework number on anything you turn into the program office. The staff receives a lot of correspondence from students and it can be difficult for them to decipher homeworks when there is no name, homework number or class name indicated.

You will notice that I have included a likeness of myself with this letter. I would like to know who you are as well. Be sure to fill out the Engineer Background Questionnaire that is enclosed in the packet, and attach a photograph of yourself if at all possible. The questionnaire is due with your first homework assignment.

I look forward to a rewarding experience working with you.

Sincerely,

Danijela Cabric