



CE 102 Syllabus
Civil Engineering Principles I
Fall 2006

**Welcome to Colorado State University,
The Department of Civil & Environmental Engineering and CE 102.**

This class has several goals, two of which are to help you adjust to CSU and to being a student at Colorado State. Another goal is to help you learn about the Civil Engineering (CE) and Environmental Engineering (EnvE) professions. It is also the first CE course for the CE and EnvE majors and, therefore, covers important material that you will need as a student and throughout your career. You will learn how to solve problems and how the design process works; you will learn to work in teams and you will be introduced to several tools that will help you throughout your career. These tools include the use of spreadsheets (Excel), PowerPoint, GIS, and surveying. This will be accomplished through a guided design project that will incorporate aspects of the Civil Engineering and Environmental Engineering professions.

For those of you who are majoring in Engineering Science, this course will meet requirements for a freshman seminar. Additionally, the tools that we learn will be useful to you throughout your program and career.

Faculty	Graduate Teaching Assistants (GTAs)
Dr. Amy Pruden Office: A207D ENG Phone: 491-8814 (ERC), 491-6670 E-mail: apruden@engr.colostate.edu	Dan Valley Office: A212 ENG Phone: 491-3378 E-mail: drvalley@engr.colostate.edu
Dr. Luis Garcia Office: A203 ENG Phone: 491-5049 E-mail: garcia@engr.colostate.edu	Kimberly Cronin Office: A10B ENG Phone: 491-6788 E-mail: krcronin@engr.colostate.edu
Dr. Darrell Fontane Office: B213 ENG Phone: 491-5248 E-mail: fontane@engr.colostate.edu	Amanda Larsen Office: A10B ENG Phone: 491-6788 E-mail: aklarsen@engr.colostate.edu

For continued up to date information on this course, please regularly visit the WebCT website at: <http://webct.colostate.edu>

Required Text Books

Engineering with Excel
Ronald W. Larsen (2002)

Introductory Surveying
James R. Wirshing & Roy H. Wirshing

Grading

Item	Number	Points	Total Possible
Mid Term Examination	1	100	100
Final Examination	1	150	150
“Pop” quizzes	~3-4	3	~9-12
Guided Design:			
• Laboratories (can drop one)	~13	10	~120
• Final oral project report	1	20	20
Homework (can drop one)	~8	10	~80
TOTAL			~480

Laboratory assignments will be due at the beginning of the laboratory section one week from the date they were assigned unless otherwise instructed. You will be allowed to drop your lowest laboratory assignment grade. **You must be present in laboratory to receive a grade for that day’s laboratory.** Any arrangements to attend other laboratory sections as make-up must be made PRIOR to your regular laboratory meeting time.

The homework assignments will be assigned in class and they will be due one week later in class unless otherwise indicated. You will be allowed to drop your lowest homework assignment grade.

Note: LATE HOMEWORK AND LABORATORY ASSIGNMENTS WILL NOT BE ACCEPTED.

The Mid Term Examination will be held on Tuesday October 11th in class.

The Final Examination will be held on Thursday December 14th from 3:40-5:40.
Please do not purchase plane tickets for flights in advance of this date!!!

Please Note: No calculators will be permitted in examinations.

Office Hours:

Between the three professors and three TAs, there are several office hours per week available to you and listed below. We will be happy to answer any questions you might have about any aspect of the class. However, under most circumstances, what we will not do is to cover material for students who have missed class, nor will we simply solve the problems for you. It is up to the students to be prepared by working through any problems to the best of their ability before coming to office hours so that they can ask informed questions and get the most out of the office hours. If an unusual circumstance arises and is foreseeable, you will be notified via WebCT if any of the office hours are changed or cancelled. The best way to contact the professors or TAs outside of class and outside of office hours is via e-mail.

NAME	ROOM NUMBER	PHONE NUMBER	Monday	Tuesday	Wednesday	Thursday	Friday
Dr. Amy Pruden	A207D ENG	1-6670, 1- 8814		8:30- 9:45	12-1		
Dr. Luis Garcia	A203 ENG	1-5049					
Dr. Darrell Fontane	B213 ENG	1-5248	10:30- 11:30		1:30-2:30		10:30- 11:30
Kimberly Cronin	A10B ENGR	491-6788	9-10			9-10	
Dan Valley	A212 ENGR	491-3378	1-2		1-2		
Amanda Larsen	A10B ENGR	491-6788		9-10	9-10		

General Class Policies:

You are expected to:

- **Attend regularly:** It is recommended that you attend each class because important information will be covered that will help you with the laboratory assignments, homeworks, and exams. Also, if changes in exam procedure, exam date, exam coverage, assignments, etc. are announced in class you are responsible for knowing this information. Unannounced “pop” quizzes will be given in lecture, and you will receive a zero for these quizzes if you are not present. You must either arrange with the professor ahead of time if you will miss class or lab for a legitimate reason (e.g., surgery, funeral, or university-sanctioned activity), or provide a doctor’s note if you could not notify the professor ahead of time because of illness, otherwise, you will receive a zero on any quizzes or assignments due that day or for that laboratory.
- **Access WebCT regularly:** The WebCT course site will be updated regularly with Power Point overheads and other materials presented in class. The class schedule and due dates for assignments will be regularly posted and updated, it is your responsibility to be aware of this information. Anything that is posted on WebCT and covered in class is likely to be subject to questions on the midterm and final.
- **Arrive on time:** Coming late to class causes a disturbance and is disrespectful to others. Please do not enter or leave the room while the class is in progress, except in the case of an emergency. Pop quizzes will likely be given at the beginning or the end of lecture, so it is to your advantage to arrive on time and stay until the end of class.
- **Turn off your cell phones and beepers** before the start of class. If you have a special need to have it on, please visit with one of the professors to discuss the matter.
- **Respect assignment deadlines:** Assignments have to be submitted at the beginning of a class or lab period on the due date. If you do not submit on time, you will receive a zero for that assignment.
- **Be honest:** CSU Policies and Guiding Principles will be strictly enforced. For details, please visit http://www.catalog.colostate.edu/index.asp?url=catalog_04-06/policies . All CSU students are responsible for knowing and adhering to the academic integrity policies of this institution. Violations of this policy may include: cheating, plagiarism, aiding academic dishonesty, fabrication, lying, bribery, and threatening behavior. Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion).
- **Adhere to CSU sexual harassment policy:** CSU sexual harassment policy will be strictly enforced. For details, please visit http://www.catalog.colostate.edu/index.asp?url=catalog_04-06/policies. The CSU policy on sexual harassment applies to all students, staff and faculty. Sexual harassment is unwelcome sexual attention. It can involve intimidation, threats, coercion, or promises or create an environment that is hostile or offensive.