

5. You must show all your work to receive full credit.
6. Highlight your answers clearly (e.g. in a box or circle, or by underlining).
7. Include proper units with all answers.
8. Homework is due at the end of the class period on the due date.
9. HW Late policy:
 - On time: 100% credit
 - By 5 p.m. on the due date: 50% credit
 - After 5pm on due date: not accepted unless prior arrangements made with the *instructor*

Statement for Students with Disabilities

Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (or to TA) as early in the semester as possible. DSP is located in STU 301 and is open 8:30 a.m.–5:00 p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.

Statement on Academic Integrity

USC seeks to maintain an optimal learning environment. General principles of academic honesty include the concept of respect for the intellectual property of others, the expectation that individual work will be submitted unless otherwise allowed by an instructor, and the obligations both to protect one's own academic work from misuse by others as well as to avoid using another's work as one's own. All students are expected to understand and abide by these principles.

Scampus, the Student Guidebook, contains the Student Conduct Code in Section 11.00, while the recommended sanctions are located in Appendix A:

<http://www.usc.edu/dept/publications/SCAMPUS/gov/>.

Students will be referred to the Office of Student Judicial Affairs and Community Standards for further review, should there be any suspicion of academic dishonesty. The Review process can be found at:

<http://www.usc.edu/student-affairs/SJACS/>.

CE 205 Statics

Sonny Astani Department of Civil and Environmental Engineering

FALL 2008 | COURSE OUTLINE

Instructor: Dr. «GreetingLine», arechenm@usc.edu
 Teaching Asst: Dongyu Zhang, dongzhan@usc.edu
 Text: R.C. Hibbeler, *Engineering Mechanics: Statics*, 11th ed., 2007, Prentice-Hall*

Week No.	Period No.	Date	Chapter, Section*	Topic
1	1	8/25		Introduction, Force vectors
	2	8/27	1, 2.1-2.3	Force vectors
2	-	9/01		NO CLASS – LABOR DAY
	3	9/03	2.4-2.6	Force vectors
3	4	9/08	2.7-2.9, 3.1	Force vectors; Particle equilibrium
	5	9/10	3.2-3.4	Particle equilibrium
4	6	9/15	4.1-4.4	Force system resultants: force moments
	7	9/17	4.5-4.6	Force system resultants: moments, couples; Review
5	8	9/22		EXAMINATION 1 (Ch.'s 1 – 3)
	9	9/24	4.6-4.8	Force system resultants: equivalent systems
6	10	9/29	4.8-4.9	Force system resultants: reduced systems
	11	10/1	4.9-4.10	Force system resultants; Distributed Loads
7	12	10/6	5.1-5.2	Rigid body equilibrium
	13	10/8	5.3-5.4	Rigid body equilibrium
8	14	10/13	5.5-5.7	Rigid body equilibrium: 3-D
	15	10/15	6.1-6.3	Structural analysis: trusses – method of joints
9	16	10/20	6.4	Structural analysis: trusses – method of sections
	17	10/22	6.6	Structural analysis: frames, machines, pulleys
10	18	10/27	6.6	Structural analysis: frames, machines, pulleys; Review
	19	10/29		EXAMINATION 2 (Ch.'s 4 – Ch. 6.4)
11	20	11/3	6.6	Structural analysis: frames, machines, pulleys
	21	11/5	7.1	Internal forces
12	22	11/10	7.2	Internal forces; Shear/bending moment diagrams
	23	11/12	7.2	Shear/bending moment diagrams
13	24	11/17	7.3	Shear/bending moment diagrams

Week No.	Period No.	Date	Chapter, Section*	Topic
	25	11/19	7.3	Shear/bending moment diagrams
14	26	11/24	7.3	Shear/bending moment diagrams
	27	11/26	8.1-8.2	Shear/bending moment diagrams; Dry friction
15	28	12/1	8.1-8.2	Dry friction
	29	12/3		Review
		12/15, Monday		FINAL EXAM** , 8:00 a.m. – 10:00 a.m.

* reading to be completed by the given date/class period

** final exam will be comprehensive, but with greater emphasis on material in Chapters 6.6, 7 & 8