

CIVE 363 – MATERIAL PROPERTIES  
SPRING 2012

---

**Instructor:** Michael Lebsack, Alex Hesse  
Office: A10B Engineering Building  
Email: lebsackm@rams.colostate.edu  
Office Hours: MW 9-9:50

**Text:** Properties of Materials by Professor Criswell

**Grading:**

Lab Reports	65%
Quizzes/Homework	15%
Final Exam	20%

A plus/minus system will be used for grading. Grades will tentatively be set at traditional A=100-90, B=89-80, C=79-70 and D=69-60. I reserve the right however to adjust this grading scale as needed and as determined by your performance in the course. The grading scale will only be adjusted lower, it will never be adjusted higher, i.e. the “A” range could extend down to 87% for example.

**Attendance:** Attendance at each lab is **MANDATORY**. If you have a valid excuse to miss a class, please contact me as soon as possible (before you miss lab) so we can make arrangements for you to attend another lab session. **Any unexcused absences will result in a zero score for that lab assignment.**

**Lab Reports:** Lab reports will consist of letter and data reports. All reports must be done using computer spreadsheet and word-processing software. All assigned work is due at 12:00 p.m. one week after the lab has been assigned. Please place the labs in the box outside of my office door (Engr. A10B) in the appropriate lab section. Late assignments will be accepted for up to one week with a 10% grade deduction each day that the assignment is late. No work will be accepted thereafter.

**Quizzes:** Each week there will be a short quiz at the beginning of the period that will cover the assigned reading, lecture material, and lab reports. There will be no makeup quizzes given for unexcused absences. Should you have a valid excuse to miss a quiz, you must contact me beforehand to schedule a makeup.

**Academic Integrity:** Unless otherwise instructed, independent work is required on all assignments. All students involved in cheating, plagiarizing,

**CIVE 363 – MATERIAL PROPERTIES  
SPRING 2012**

---

copying, etc. will be given a zero score until further action can be taken.

**Grievances:** Any issues regarding the grading of lab reports or quizzes must be addressed with me in person. You have one week from the return of the assignment to meet with me to discuss your grievance.

**Drop Dates:** The last date to drop a class is February 1 and have it removed from your transcript. You will still have to pay a portion of your tuition for this class. The last day to withdraw from a class and have it appear as a “W” on your transcript is March 19.

Lab	DATES	READING FOR QUIZ	LAB	ASSIGNMENT
Intro	Groups A & C&E – Jan. 17 Groups B & D – Jan.19	No Quiz this week	Excel Introduction Lab Tour	Plotting
1	Group A ,E– Jan. 24 Group B – Jan. 26 Group C – Jan. 31 Group D – Feb. 2	Chapters 1-4 Chapter 8.3	Three Metal in Tension Hardness Test	Letter Report
2	Group A ,E– Feb. 7 Group B – Feb. 9 Group C – Feb. 14 Group D – Feb. 16	Chapter 5 Class Handout	Strain Gauges Cantilever Beams Column Buckling	Letter Report
3	Group A,E – Feb. 21 Group B – Feb. 23 Group C – Feb. 28 Group D – Mar. 1	Chapter 6	Torsion Test Poisson's Ratio	Letter Report
4	Group A ,E– Mar. 6 Group B – Mar. 8  Spring Break Mar. 10-18	Chapter 7	Uniaxial Test Notched Bar Test Failure Criteria	Letter Report
4	Group C – Mar. 20 Group D – Mar. 22	Chapter 7	Uniaxial Test Notched Bar Test Failure Criteria	Letter Report
5	Group A ,E– Mar. 27 Group B – Mar. 29 Group C – Apr. 3 Group D – Apr. 5	Chapter 11	Wood Testing	Letter Report
6	Group A,E– Apr. 10 Group B – Apr. 12 Group C – Apr. 17 Group D – Apr. 19	Chapters 8.4, 10, 14	Wood Creep Vibrations, Impact	Letter Report
7	Groups A & C&E – Apr. 24 Groups B & D – Apr. 26	Chapter 13	Polymer Tensile Tests	Letter Report
Review	Groups A & C&E – May 1 Groups B & D – May 3	None	Final Review	None
Final	Groups A-D –May 8 Group E --May 10	None	Final Exam – 11:50-1:50 2:00-4:00	N/A