

CHEM 6118 - OVERVIEW OF MATERIALS CHEMISTRY

Instructor: B. Sumerlin
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<http://faculty.smu.edu/bsumerlin/courses.htm>

Class Time: See attached calendar
Mon & Wed classes 5:00 pm - 6:20 pm
Tue & Thur classes 4:00 pm - 5:20 pm
231 Conference Room - Fondren Science Bldg
(Beginning 11/1/05 and ending 12/7/05)
There will be no class on Wed 11/23 or Thur 11/24.

Office Hrs: By appointment

Topics: Surveys the synthesis/preparation, characterization, and applications of glasses, metals, semiconductors and conductors, and polymers.

Text: Materials will be distributed in class

Reading: Due to the brevity of the class and the breadth of the topics to be covered, it is imperative that you read all assigned materials prior to coming to class. There will be open discussions to which you are expected to contribute. The lectures will highlight the material in the reading, and it is your responsibility to know the facts of the covered areas.

Grading: Grading will be based on two exams (one approximately midway through the period and a cumulative final given December 5), a short but informative individual presentation on an assigned topic, and class participation (reading materials ahead of time, engaging in discussions, asking/answering questions, etc.). The itemization is as follows.

Exam 1	25 % (11/15/05)
Exam 2 (final)	50 % (12/7/05)
Presentation	15 % (12/5/05)
Participation	10 %

Policies: *Disability Accommodations:* If you need academic accommodations for a disability, schedule an appointment with the instructor as soon as possible.

Religious Observance: Religiously observant students wishing to be absent on holidays that require missing class should notify the instructor in writing at the beginning of the term, and should discuss, in advance, acceptable ways of making up any work missed because of the absence.

November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 4:00 - 5:20 pm First day of class	2	3 4:00 - 5:20 pm	4	5
6	7	8 Seminar 4:00 - 5:20 pm ?	9 5:00 - 6:20 pm	10	11	12
13	14	15 4:00 - 5:20 pm Exam 1	16 5:00 - 6:20 pm	17	18	19
20	21 5:00 - 6:20 pm	22 4:00 - 5:20 pm Make Up?	University Holidays ←----- No Classes -----→			26
27	28 5:00 - 6:20 pm	29	30 5:00 - 6:20 pm			

2005

December

Sun

Mon

Tue

Wed

Thu

Fri

Sat

1

2

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5

5:00 - 6:20 pm
Presentations

6

7

5:00 -
Final Exam

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2005