



**Problems:** Exam questions will be modeled very closely to the type of problems you will encounter in the Practice Problems of each unit of study posted on BrightSpace. Solutions to all of these problems are included in these documents. While it is strongly suggested that you do as many problems as possible, the problems are not collected or graded.

**Weekly BrightSpace Quizzes:** Each week, you will be responsible for taking a short online BrightSpace quiz covering the class material from the current week. Just click on the ui left-hand side of the Content & Activities area of the CHEM 1100 BrightSpace page and follow the instructions. These quizzes are open-book, but must be completed independently. Weekly quizzes will be available to take until midnight of the Sunday prior to a new week of classes. A skipped or a missed quiz is given a zero.

### **REQUIRED COURSE MATERIALS:**

**Text:** There is no textbook for the course. Each unit of study has a corresponding folder in the Course Materials section in the Content & Activities area of the course's BrightSpace site, within which are educational notes for that unit. These notes, while helpful for following along with the material, should not be thought of as comprehensive. Your own written class notes should be the basic core of your study materials.

**Scientific Calculator:** A standard scientific calculator is a requirement for the exams.  
**Note: Graphing calculators are not allowed on exams.**

**Lab Manual** BrightSpace site.

**Bound Laboratory Notebook:** Available at the UVM Bookstore. Required for recording data.

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**LABORATORY:**

(labs start 2 weeks after classes begin)

**Time and Room:** See your class course schedule as to your assignments.

**Attendance:** Students must attend the lab section they are assigned to. Official documentation of sickness or family crisis is required if a lab is missed. **If more than 2 labs are missed, this results in a failure for the course.** In order to take a lab at a time other than your assigned time one must obtain the permission of the TA and instructor.

**Online Lab Safety Quiz:** Prior to the lab ses



# **TENTATIVE LECTURE SCHEDULE**

**UNIT 1** (Measurement & Problem Solving)

**UNIT 2** (Matter & Energy)

**UNIT 3** (Atoms & Elements)

**Exam 1 (Thursday, Sept. 20; 6:00-8:00PM)**

**UNIT 4** (Electrons in Atoms)

**UNIT 5** (Chemical Bonding)

**UNIT 6** (Molecules & Compounds)

**UNIT 7** (Chemical Composition)

**Exam 2 (Thursday, Oct 19; 6:00-8:00PM)**

**UNIT 8** (Chemical Reactions)

**UNIT 9** (Quantities in Chemical Reactions)

**UNIT 10** (Solutions)

**UNIT 11** (Gases)

**UNIT 12** (Liquids, Solids, & Intermolecular Forces)

**Exam 3 (Thursday, Nov 16; 6:00-8:00PM)**