



TEXAS A&M UNIVERSITY
SAN ANTONIO

General Chemistry I-recitation - CHEM 1011 Syllabus

College of Arts & Sciences

Instructor: Sambuddha Banerjee, Ph. D.

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Office: STEM 311Y

Class Hours: Wednesday (9.9.50 am)

Class location: STEM 179

Office Hours: Monday 9.30-11.30 am, Wednesday 11 am-1 pm (Book an appointment using your Outlook calendar. [HERE](#) is a link that will show you how)

Attendance is required in recitation classes.

Within chemistry courses, a recitation section is usually a smaller, more interactive class that supplements the main lecture.

Purpose and activities

The main aim is to reinforce and apply lecture concepts, not to deliver new materials. A typical session might include:

- Working through example problems step-by-step on board or a shared screen
- Reviewing homework problems, past quizzes, practice exam questions
- Discussing challenging concepts from the week's lecture
- Doing small group problem-solving, then reviewing answers as a class

Materials

- Textbook
- Class slides
- Workbook supplied by the instructor

Pacing

Week #	Worksheet (WS)
1 & 2	WS-1 (Sig. fig., dimensional analysis)
3	WS-2 (isotopic mass calculation, naming ionic compounds)
4	WS-3 (Avogadro number, % composition)
5	WS-4 (Balancing equation, limiting reagent, % yield)
6 & 7	WS-3 (molarity), WS-4 (types of reactions)
8	WS-9 (gas laws)
9 & 10	WS-5 (thermochemistry)
11 & 12	WS- 6A and 6B (quantum mechanical atom and periodic table)
13	WS-7 (Lewis's structure)
14-16	WS-8 (VSEPR, VBT, polarity)

This is a tentative pacing. Recitation pacing would mirror the progress in the class lecture.