

CH101 Final Exam Guided Preparation, Monday, December 13

- The Chemistry Department & the ERC will offer a **guided exam prep** session on **Monday, December 13th**.
- There will be **8 rooms**, where ERC tutors and CH101 staff will offer you the chance to **explore topics you will see on the final exam**.
- **CAS/223** will have a list posted outside of **which topics will be covered in each room**.
- **Review your materials early** (like **now**) to get a sense of **where you need to work the hardest**.
- **Bring questions and your study materials** as if you were going to take the exam on Tuesday.
- Get ready to **work through practice problems** you might find in your textbook and notes.

Session 1: 11:00am – 12:45pm

- 1) Dimensional Analysis, Units, Sig Figs: **CAS/201**
- 2) Stoichiometry, Limiting Reagent, Balancing: **CAS/221**
- 3) Light and 1 electron system, particle in a box: **CAS/223**
- 4) Hydrogen Family Album: **CAS/225**
- 5) Multi-electron Atoms, Quantum Numbers, Electron Configuration, Trends: **CAS/227**
- 6) Lewis Structures, VSEPR: **CAS/228**
- 7) Molecular Orbitals, Hybridization, Polyatomic σ and π frameworks: **CAS/229**
- 8) Ideal Gases and Intermolecular Forces: **CAS/235**

Session 2: 1:00pm – 2:45pm

Session 2 will be **a repeat of session 1 topics**. Select one option from each session that you feel you need the most practice on.