

LAB DEMONSTRATOR - (All 1000 Level)

Duties:

- Assist students in the safe execution of the experiment, safe and proper operation and handling of lab equipment, chemicals and glassware in accordance with relevant Standard Operating Procedures (SOPs)
- Assist the Instructor in demonstrating techniques;
- Circulate in the lab and actively engage students in discussions about their experiment;
- Collect and grade pre-lab assignments in a timely manner, enter grades on class list, and circulate to give individual feedback to students;
- Report any problems/incidents/inconsistencies immediately to the instructor;
- Assist the technician in set up or solution preparation in the latter part of lab if time permits and all students have left the lab;
- Invigilate a midterm and/or final exam in Chemistry, assist with lab prep and/or perform an equivalent Department duty to account for the total number of paid hours.

Expectations:

Student assistant Lab Demonstrators are expected to:

- Be skilled and knowledgeable in the experiment procedure, theory and associated calculations;
- Be familiar with the safe-handling of equipment and chemicals;
- Be prepared, punctual, motivated, safety-conscious, and empathetic;
- Handle student grades and answer keys in an appropriate confidential manner;
- Be an effective role model for professionalism and promotion of safety culture and inclusion in the lab;
- Enforce and adhere to all safety policies set out under the Faculty of Science;
- Supply your own properly-fitting lab coat and safety glasses.

Requirements:

- Overall minimum grade of B- (or higher) must be attained in both General Chemistry I and II; or permission of the instructor. **A full unofficial transcript is required when submitting your application.**
- WHMIS certified in the last 12 months
- Excellent interpersonal skills

Assets:

- Knowledge of LoggerPro™ software

Duration:

Undergraduate student TAs: 36 hours total

Graduate student TAs: 48 hours total

- 3 hours per week throughout the course of the lab term. TA must be present until the lab end time.
- Undergraduate TAs: 3-6 hours invigilation and/or other department duties as outlined by Lab Coordinator.
- Graduate TAs: 15-18 hours invigilation, prelab prep and/or other department duties as outlined by Lab Coordinator.

Pay:

- To be paid as according to SMU's Payroll Teaching Assistant/Student Marker/Demonstrator Schedule for the term hired.