

LAB DEMONSTRATOR - (All 1000 Level)

All Lab Demonstrator TAs must attend paid TA training on the first Friday of the term regardless of previous experience. An email will be sent a few days in advance to assign a time and room. In addition, some paid online training may be required.

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 in record book, 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 all students are finished the lab experiment and lab report and the instructor has no remaining tasks;
- Invigilate a midterm and/or final exam in Chemistry, 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:

- A minimum B- grade must be attained in both General Chemistry I and II or permission of 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 and Pay: 36 hours total (undergraduate TA) or 48 hours total (graduate TA)

- Distribution of hours to be agreed upon between student and technician supervisor.
 - A TA must not work more than four prep hours (undergrad) or six prep hours (grad student) in any calendar week unless it was agreed upon via email at least two weeks in advance by both the student and technician and the Chair and Lab Instructor were cc'd on the email.
 - Prep may not be done 30 minutes before lab time or outside of normal business hours.
 - Students may not volunteer additional hours for prep duties.
- Paid according to SMU's Payroll Teaching Assistant/Student Marker/Demonstrator [Schedule](#) for the term hired.