The Department of Engineering Science invites applications for the following position(s):

**TEACHING ASSISTANT**
Teaching Support Staff Union (TSSU)

**COURSE:** ENSC 225 Microelectronics I  

**LOCATION:** Burnaby  

**DURATION:** May 3, 2019 – August 30, 2019  

**QUALIFICATIONS:**
The specific knowledge areas listed communicate what is necessary to TA this course. Applicants’ background in the following areas, demonstrated through experience, coursework, or equivalent combination thereof, will ensure sufficient knowledge in the discipline of the course to interpret the course material.

- Thorough experience in analyzing OPAMP, Diode, BJT and MOS circuits  
- Complete LT-Spice analysis of the above  
- Hands on experience in prototyping and debugging electronic circuits using proto boards  
- Measurement and analysis using laboratory electronic testing equipment such as: DMMs, power supplies, signal generators and oscilloscopes.  
- Thorough knowledge of Semiconductor Parameter Analyzer (SPA) operation  
- Good written and one-to-one oral communication skills  
- Good time management skills  
- Have thorough knowledge of DMM, Scope, PS, and SPA Operation. A brief lab test will be conducted.

**CLOSING DATE:** March 11, 2019

Interested applicants should check the course schedule at [http://www.sfu.ca/engineering/current-students/undergraduate-students/course-schedule.html](http://www.sfu.ca/engineering/current-students/undergraduate-students/course-schedule.html) and ensure that they are available for scheduled lab times before applying.

Engineering Science graduate students apply using the online form at: [https://courses.cs.sfu.ca/forms/ensc-ensc-ta-application-engineering-science-gradu/](https://courses.cs.sfu.ca/forms/ensc-ensc-ta-application-engineering-science-gradu/)

All other applicants (e.g. graduate students in other departments, undergraduate students and external applicants) apply using the online form at: [https://courses.cs.sfu.ca/forms/ensc-ensc-ta-application-non-ensc-grad-students/](https://courses.cs.sfu.ca/forms/ensc-ensc-ta-application-non-ensc-grad-students/)

---

*The University is committed to the principle of equity in employment*

The information submitted with your application is collected under the authority of the University Act (R.S.B.C. 1996, c.468, s. 27(4)(a)), applicable federal and provincial employment regulations and requirements, the University’s non-academic employment policies and applicable collective agreements.

The information is related directly to and needed by the University to initiate the employment application process. The information will be used to contact references supplied by you, evaluate your qualifications and complete the employment process by making a hiring decision. Applicant information may also be disclosed to the Teaching Support Staff Union in accordance with Article XIII F.3.1.a (iv) of the Collective Agreement.

If you have any questions about the collection, use and disclosure of this information please contact the Associate VP, Human Resources, Simon Fraser University, Burnaby, BC V5A 1S6. Telephone **778-782-3237**.