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Memorial University Faculty of Engineering and Applied Science **Department of Mechanical Engineering** Per-Course Appointment

The Department of Mechanical Engineering invites applications from individuals interested in teaching the following graduate course in the Spring 2024 Semester.

Subject to budgetary restrictions and sufficient enrolments, appointments will be made on a course-by-course basis and will not entail any obligation to conduct research or to perform any administrative service for Memorial University. Appointments will be made in accordance with the provisions in the MUN-LUMUN Collective Agreement. Course design and evaluation methods for all courses will be in accordance with the Department of Mechanical Engineering regulations and the Memorial University Calendar.

Course Title: ENGI9843 Solar Engineering

Course Schedule: Monday, Wednesday 3:00-4:15 lecture

Campus Location: St. John's

Course Description: On-campus course; covers topics such as radiant heat transfer, solar tracking, solar motion analysis, efficiency, semiconductor theory and photovoltaic power generation. Other relevant topics depending on expertise and experience of instructor.

For further information regarding this course please visit <https://www.mun.ca/engineering/mech/>

Qualifications: Master's degree or higher in Mechanical or Mechatronics Engineering or equivalent. Teaching experience preferred, and knowledge of solar energy conversion is required. Applicants should have direct experience in instruction, lab supervision, or curriculum development for this or a similar course.

To apply for this position:

Please submit a letter of application, curriculum vitae and the names of referees, electronically or in writing to:

Dr. Octavia Dobre, Interim Dean
Faculty of Engineering and Applied Science
Tel: (709) 864-8810 Fax: (709) 864-8975
Memorial University of Newfoundland
St. John's, NL, A1B 3X8
Email: dean.engineering@mun.ca

Salary: As per the MUN-LUMUN Collective Agreement

Closing Date: April 24, 2024

Memorial University is committed to employment equity and diversity and encourages applications from all qualified candidates, including women; people of any sexual orientation, gender identity, or gender expression; Indigenous peoples; visible minorities, and racialized people; and people with disabilities.