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MEMORIAL UNIVERSITY

Faculty of Engineering and Applied Science
Department of Process Engineering

Per-Course Appointment

The Department of Process Engineering invites applications from individuals interested in teaching the following graduate course in the Winter 2027 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 Faculty of Engineering and Applied Science regulations and the Memorial University Calendar.

Course Title: ENGI 9330: Abnormal Situation Management and On-line Monitoring

Course Schedule: TR 2:00-3:15 PM

Campus Location: St. John's

Course Description: This is an in-person course covering topics on abnormal situation management for process and chemical industries. Mathematical formulations for on-line monitoring, fault detection and fault diagnosis are covered in details in the context of process safety. Topics also include data analysis and case studies.

For further information regarding this course please visit www.mun.ca\https://www.mun.ca/engineering/graduate/current-student-resources/

Qualifications: Applicants should have at least one graduate degree in Process/Chemical/Oil and Gas/Safety and Risk Engineering with expertise in abnormal situation management, fault detection and diagnosis, process monitoring, and safety and risk engineering. Background in machine learning and data analytics will also be required.

To apply for this position:

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

Dr. Bing Chen
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 3X5
Email: dean.engineering@mun.ca

Salary: As per the MUN-LUMUN Collective Agreement

Closing Date: Friday, November 13, 2026

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

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.