



**POLYTECHNIQUE
MONTREAL**

TECHNOLOGICAL
UNIVERSITY

FACULTY LECTURER - MECHANICAL DESIGN

Job Reference Number: 21-ME-3

Posting/Closing Date: September 15th, 2021, to October 23rd, 2021

Workplace: All buildings

Department: Department of Mechanical Engineering

WORK ENVIRONMENT

Founded in 1873, Polytechnique Montréal today welcomes over 9,500 students and relies on the expertise of over 1,500 professorial and professional staff with a wide variety of qualifications. Polytechnique Montréal promotes excellence and creativity, and the core values of integrity, collaboration, respect, openness, and diversity guide the institution's actions. Recognized as one of Montreal's best employers, it has received Silver Parity Certification from the Women in Governance organization, and offers excellent work conditions, in particular by fostering employees' work-life balance and well-being.

Polytechnique Montréal is deeply committed to employment equity, diversity and inclusion. Accordingly, Polytechnique encourages women, members of visible and ethnic minorities, Indigenous individuals, and persons with disabilities to apply. Accommodations can be provided based on candidate needs.

Applying to Polytechnique is a move to an enriching career, full of opportunity.

Located on Mount Royal, an exceptional setting in the heart of Montreal, Polytechnique is a world-renowned engineering university, excelling in cutting edge multidisciplinary and multi-sectoral research involved locally, nationally, and internationally, and is equally known for its top-tier training at all academic levels. An active advocate for sustainable development, Polytechnique has been certified Gold by the STARS organization. Polytechnique is known for its innovative approach, and its active role in technological, economic, and social development.

RESPONSIBILITIES

The person sought is expected to perform the duties associated with this position with dynamism and creativity. This includes:

- Develop, teach and coordinate undergraduate courses in mechanical and aerospace engineering;
- Propose and supervise projects that integrate mechanical and aerospace engineering programs;
- Participate in the organization of the mechanical and aerospace engineering programs, including through the departmental program committees;
- Initiate and contribute to the development of pedagogical innovations;
- Participate and collaborate with institutional and industrial partners in order to ensure the relevance of the courses and integrative projects in mechanical and aerospace engineering;
- Contribute to various administrative functions of Polytechnique in relation to his/her expertise and qualifications;
- Participate in service functions towards the academic and professional community, and society.

The faculty lecturers are provided with specific activity spaces, technical support, computing environments and funds to support their pedagogical activities.

AREA OF EXPERTISE

The Department of Mechanical Engineering is seeking a full-time Faculty Lecturer to contribute to the teaching of mechanical design courses in the Mechanical and Aerospace Engineering programs. The person sought must have in-depth expertise in this field to teach and supervise courses such as: integrating projects, machine design, hydraulics and pneumatics, computer-

aided engineering and product life cycle management (PLM). Consideration of sustainable development is an asset. Coordination and teaching of several of these courses are required.

STARTING DATE

Winter or summer 2022

QUALIFICATIONS

The successful candidate will have demonstrated significant expertise in mechanical or aerospace engineering, preferably including three or more years of practical experience related to this position. He/she has a master's degree or Ph.D. in mechanical engineering, aerospace engineering or a related discipline. The candidate possesses teaching skills demonstrated by prior post-secondary teaching experience and supported by teaching evaluations.

As the language of instruction at Polytechnique is French, the person sought must have a very good command of oral and written French upon taking up the position. He/she should also be registered as a Professional Engineer with the Ordre des Ingénieurs du Québec when taking up the position.

Polytechnique Montréal recognizes that career interruptions such as maternity leave, parental leave, extended sick leave or clinical training, as well as disabilities, can have an influence on productivity and career achievements. The impact of these leaves will be considered in the recruitment process.

WORKING CONDITIONS

This faculty position is a tenure-track. Salary and benefits are set in accordance with the [collective agreement](#) in effect. The latter includes arrangements for work-life balance and offers maternity, paternity and adoption leaves in addition to the [Québec Parental Insurance Plan](#).

APPLICATIONS

Candidates are invited to submit an application that includes:

- their résumé;
- a presentation letter;
- a statement of their teaching and training objectives;
- full contact information of three persons able to provide references;
- teaching evaluations if available.

Applications must be received no later than October 23rd, 2021, at 5 PM, and submitted to:

Luc Baron, ing., Ph.D.
Full Professor, Head of Department
mec-directeur@polymtl.ca
Department of mechanical engineering
Polytechnique Montréal
C.P. 6079, succ. Centre-ville
Montréal (Québec) CANADA H3C 3A7

Or

To apply, please use the following link:

<https://polymec.formstack.com/forms/21me3>.

Examination of the applications will begin as soon as possible and will continue until the position is filled.

We encourage all qualified candidates to apply, particularly women, members of visible and ethnic minorities, Indigenous individuals and persons with disabilities. In accordance with immigration requirements, Canadians and Canadian permanent residents will be given priority.