

Professor in Digital Transformation
Ecole de Technologie Superieure

Direct Link: <https://www.AcademicKeys.com/r?job=227931>

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Posted Dec. 20, 2023, set to expire Oct. 15, 2024

Job Title	Professor in Digital Transformation
Department	Systems Engineering Departement https://www.etsmtl.ca/ETS/Gouvernance/Decanats-et-departements/departement-genie-systemes
Institution	Ecole de Technologie Superieure Montreal, Quebec
Date Posted	Dec. 20, 2023
Application Deadline	Mar. 17, 2024
Position Start Date	Depending on the candidate's availability
Job Categories	Professor
Academic Field(s)	Manufacturing & Quality Engineering Industrial & Systems Engineering Computer Engineering Engineering - Other
Job Website	https://www.etsmtl.ca/en/ets/careers-ets
Apply Online Here	https://tre.tbe.taleo.net/tre01/ats/careers/v2/viewRequisition?org=ETS&cws=43&rid=2954
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Job Description

L'École de technologie supérieur (ÉTS) is a rapidly evolving university in engineering and technology located in downtown Montreal. ÉTS offers undergraduate and graduate programs focused on applied engineering as well as state-of-the-art research infrastructure. ÉTS is also home to the [Centech](#), a business incubator, offering support services for researchers wishing to commercialize their research.

What we offer :

- A start-up and an equipment fund to support your scientific career
- Financial support for research and teaching (teaching and research supervision credits, funds to pay exam's correction staff, etc.).
- A personalized onboarding process
- A structure to promote your research as well as networking activity to make yourself know and help you recruit students.
- A work environment favourable to your career development, both for research and teaching.
- A mentor program for all the faculty members offered at your arrival and throughout your career.
- Support for the immigration process and a relocation program for your family
- A full-course program to learn French.

Our Systems Engineering Departement

The Systems Engineering Department offers multidisciplinary study programs at both undergraduate and graduate levels that are tailored to the needs of businesses regarding the optimization of operation and services, organization of work, digital transformation, computerization of production systems and industrial automatization. Courses are focused on the integration of computer and technological systems using mechanics, electronics and control, computer science and industrial engineering.

Regarding the Position

The Departement is seeking a professor in digital transformation. The candidate must possess general knowledge in the domain of industrial digital engineering, software engineering, information technology

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engineering or in automated manufacturing engineering and a graduate degree in digital transformation.

Your expertise must be oriented toward one or more of the following fields of research:

- Digital transformation
- Enterprises systems (CRM, ERP, MES, WMS, PLM, etc.),
- Enterprise systems integration technologies (messaging, ESB, ETL, etc.)
- Robotic process automation (RPA) technologies

You will be expected to demonstrate advanced skills and competencies in at least one of the following application areas: financial transactions, integrated supply chains, state change monitoring, manufacturing, etc. You will be expected to demonstrate a commitment to research and teaching excellence in undergraduate and graduate systems engineering programs. Your research activities must join those already in place in the areas of interest, making it possible to respond to the challenges of improving productivity in companies.

Depending on your expertise and research interest, you could join the team of the [Numérix](#) laboratory.

Job Description

As part of the research team, the candidates sought will:

- Teach courses at both the undergraduate and graduate levels in fields related to digital business
- Mentor graduate students;
- Complete grant and funding applications, particularly with provincial, federal or international agencies as well as with industrial partners, municipalities and foundations;
- Carry out funded, potentially interdisciplinary research projects with local, national and international partners;
- Develop a research program and courses related to digital transformation;
- Ensure the dissemination of your research.

Requirements

- Hold a Doctorate (PhD) in Engineering or in a relevant field for this position;

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- Be a member of the *Ordre des ingénieurs du Québec* (OIQ) or be eligible to join the OIQ and undertake the necessary steps to become a member before submitting an application for full professorship;
- Have experience in conducting research in collaboration with industry or solid experience in industrial R&D;
- Demonstrate excellent skills related to training highly-qualified personnel through research projects and teaching;
- Be proficient in French (oral and written), in compliance with the [ÉTS Language Policy](#) (in French), or demonstrate a willingness to learn French and enter into a francization process with the support of ÉTS.

Start Date

Depending on the candidate's availability

Submitting an application

All applications will be processed in strict confidentiality.

ÉTS will take into account any leaves that may result in career interruptions or delays. Therefore, we encourage you to mention any such leave that may have affected your professional path. We will take this information into consideration when evaluating your application.

In case of a disability, we may offer accommodation measures during the hiring process.

Interested candidates are invited to submit their application **before 5:00 p.m. (EST) on March 17, 2024**

Each application must include the information indicated below in a **single PDF document, in the following order:**

- An automated (dynamic) Table of Contents;
- A cover letter;

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- Your curriculum vitae;
- A statement of your teaching objectives;
- Your research plan, including an indication of how your work complements the areas of research targeted by a department or research group at ÉTS;
- A sample of your research achievements (e.g.: recent scientific articles).

If you require more information, please contact bap-candidatures@etsmtl.ca. You must submit a complete application for it to be considered. Only those candidates who are retained for an interview will be contacted.

Compensation

This is a tenure-track position. The process and benefits will be determined in accordance with the applicable collective agreement [convention collective de l'Association des professeurs de l'ÉTS](#) (APÉTS) .

Immigration Requirements

In compliance with the immigration requirements in effect in Canada, ÉTS invites all qualified individuals to apply. However, priority will be given to Canadian citizens and permanent residents. When submitting an application, it is important to indicate whether you are able to work in Canada, so that the applicable immigration procedures can be planned accordingly.

EEO/AA Policy

ÉTS is actively implementing its Equal Opportunity Program, inviting applications from women, Indigenous, visible and ethnic minorities and people with disabilities. Valuing inclusion, we are committed to overcoming the barriers faced by people with disabilities in the workplace. We offer accessibility measures and are ready to provide assistance during the pre-selection and selection process to candidates who so wish. We encourage equity, diversity and inclusion, and consider these values to be fundamental to our working environment. We are taking concrete steps to increase diversity within our work teams. To this end, we ask you to identify yourself so that we can take this into account throughout the selection process. To do so, please complete the Equal Employment Opportunity form and send it to us with your curriculum vitae. The candidate must have the right or permission to work in Canada from the start of the assignment, and for the entire duration of the

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assignment

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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Canada