



# Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

L9 P23 R4074 HWY 596 - Box 109

Keewatin, ON P0X 1C0

# Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/04/28

## Professor, Mechatronics

<b>Job ID</b>	<b>39-4A-EA-D9-36-E8</b>	
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=39-4A-EA-D9-36-E8">https://careers.indigenous.link/viewjob?jobname=39-4A-EA-D9-36-E8</a>	
<b>Company</b>	Fleming College	
<b>Location</b>	Peterborough, Ontario	
<b>Date Posted</b>	From: 2019-07-12	To: 2019-07-26
<b>Job</b>	Type: Full-time	Category: Education
<b>Languages</b>	English	

### Description

Type of Position: Academic Full Time

Department: School of Trades & Technology

Campus: Sutherland

Location: Peterborough, Ontario

Date Posted: 2019-07-12

Date Closed: 2019-07-26

Job ID: 1827

Full/Part Time: Full Time

Regular/Temporary: Regular

Hours per Week: 44

Salary Range: \$63,971.00 to \$110,897.00 Annually

### What Are We About

Fleming is located in the heart of the Kawartha Lakes Region in Central Ontario—a beautiful place to live and work, surrounded by natural beauty and a mere 90 minutes north-east of Toronto. The College's 6,800 full-time and 10,000 part-time students, including hundreds of international students from countries around the world, attend at campus locations in Peterborough, Lindsay, Haliburton and Cobourg. Fleming offers more than 100 full-time programs in Environmental and Natural Resource Sciences, Fine Arts, General Arts and Science, Technology, Skilled Trades, Community Development, Health, Business, and Justice as well as other Continuing Education courses. We are also extremely proud of our more than 73,000 Fleming alumni who are contributing to their communities in the region, across the province and around the world.

### Who Are We

The rapidly expanding School of Trades & Technology makes part of its home in the Kawartha Trades and Technology Centre, an 87,000-square-foot trades and technology skills training facility which features state-of-the-art, sustainable shop facilities, smart-wired classrooms and labs with the newest technology. A large open area, called the Skills Arena, allows students from a number of different trades programs such as carpentry, electrical, HRAC, plumbing and welding to learn and train in one location, as they would on a construction site. Aspiring chefs learn their trade in our

culinary program where they put their skills to practice in our sixty-five seat on-site restaurant. The School also delivers exceptional technology programming in a number of disciplines including computer engineering, wireless information networking, instrumentation and control engineering, computer security and investigations, electrical engineering and more.

#### What This Position is About:

We welcome applications from experienced professionals to deliver courses in our new Mechatronics program with Fleming's School of Trades and Technology.

The Mechatronics program is a brand new program that we are excited to introduce. Integrating both mechanical and electrical systems engineering, this unique and progressive program will provide students with the skills required to meet the changing needs of industry and technology advances in areas such as advanced manufacturing, robotics and automation.

As a key member of the Trades and Technology team you will: provide academic leadership within teaching teams to ensure the consistent delivery of assigned courses; design, update and teach curriculum; and demonstrate teaching excellence through proven adaptability with diverse learners. You will play a key role by creating a learning environment that motivates and engages learners, using a variety of teaching methodologies and types of delivery, including lectures, labs, eLearning, and applied learning. You will contribute to cross-College discussions about curriculum, support our community integration initiatives and play an effective role in the delivery and design of current and future programming. Student assignments involve real world tasks and goals that are relevant to learner needs.

Due to year-round delivery of programs, this position may have teaching assigned through the summer and vacation will be taken at other times of the year.

In addition to your 43 days of vacation each year, you will enjoy a number of other benefits working at Fleming College including: additional paid time off during our December holiday shutdown, a flexible work schedule, participation in our comprehensive benefits program, membership in our defined benefit pension plan, opportunities for professional development, and tuition assistance for your dependent children.

#### For More Information

Please see the Professor Definition and the Guidelines for Professional Practice - Faculty.

Explore what Fleming College has to offer and the beautiful communities we are surrounded by. Check out Life@Fleming.

#### What We Are Looking For:

You will have a relevant combination of education and significant current experience. You will have either a minimum Bachelor's degree in Mechanical Engineering (or a related discipline) or 10 years' combined research and practical work experience or a Masters in Mechanical Engineering (or a related discipline) and 7 years' combined research and practical work experience. A Master's degree and/or P.Eng designation are assets.

A strong background in process control instrumentation, programming, advanced manufacturing, automation and wireless communications is preferred. You have demonstrated expertise in some or all of the following Mechatronics areas: design, maintenance and testing of electrical and pneumatic systems including, transformers, motors and drives and PLC (programmable logic controllers and imbedded systems). Experience with research and applied learning would be an asset. Your attention to detail and dedication to quality complement your ability to generate schematics, diagrams and practical projects.

Your practical and relevant industry experience includes experience in at least one of the following areas: robotics, electrical simulation and analysis, design experience (mechanical, electrical), computer-integrated manufacturing equipment. Advanced manufacturing experience is an asset. Your attention to detail and dedication to quality complement your ability to generate practical projects and demonstrate knowledge of leading edge methods and technologies. You have strong analytical, trouble shooting, project management, and mathematical abilities. Your network of current industry contacts can facilitate opportunities for our students and graduates and open up opportunities for the college in continuing education and contract training opportunities.

In addition to your experience, preference will be given to candidates with teaching, curriculum design, innovative development and delivery experience, either at the high school, post-secondary or corporate/industry levels. Experience in adult learning and developing/delivering educational materials in alternative formats is a definite asset. To support our leading edge strategy, we desire candidates with evidence of commitment and recent participation in on-going professional development.

This role requires self-motivation, flexibility and a passion for learning and student success. You have the drive to continuously learn and achieve results. You will focus on enhancing the student experience by creating a rich and open learning environment that embraces diversity and provides accessible, superior service to students. You are able to work independently and as part of a team and can effectively contribute to multidisciplinary teams utilizing your strong leadership and organizational skills.

Exceptional communication skills, including the ability to deliver and receive feedback, as well as interpersonal and critical thinking/problem solving skills are required. You are comfortable working with technology, including blended learning technologies, virtualization, and are self-sufficient with word processing, spreadsheets, presentation, architectural and design/simulation software, AutoCAD, SCADA, e-mail, and various web applications.

#### Please Note

Please note that internal candidates will receive first consideration in accordance with our Academic Collective Agreement. Only candidates selected for an interview will be contacted.

#### How to Apply

To apply to Fleming College career opportunities please visit <http://www.FlemingCollege.ca/Careers> Diversity

Fleming College is committed to building a diverse, inclusive, and accessible learning and working environment. We encourage and welcome applications from those who would contribute to the further diversification of our community including, but not limited to, women, racialized persons, Indigenous people, persons with disabilities, and persons of any sexual orientation or gender identity.

We believe in and promote the rights of all persons with disabilities as enshrined in the Canadian Charter of Rights and Freedoms, the Ontario Human Rights Code, and the Accessibility for Ontarians with Disabilities Act (AODA 2005) and its related Accessibility Standards Regulations. To meet this commitment, Fleming College will make appropriate accommodations available throughout the recruitment, selection and/or assessment process to applicants with disabilities. If selected to participate in the recruitment, selection and/or assessment process, please inform our Human Resources staff of the nature of any accommodation(s) that you may require to ensure your equal participation. To obtain a copy of this document in another format please e-mail

Recruitment@flemingcollege.ca.

**How to Apply**

How to Apply

To apply to Fleming College career opportunities please visit <http://www.FlemingCollege.ca/Careers>