

Research Chair, Advanced Manufacturing and Mechatronics

Research, Partnerships & Innovation

POSITION TYPE: Full-Time Position Available

SALARY: \$93,043 - \$124,618 per annum

POSITION LOCATION: Notre Dame Campus (Winnipeg, MB)

Expected Start Date: September 29, 2025

Posting End Date: August 14, 2025

To apply, please visit: [**Red River College Polytech Recruitment Site**](#)

At RRC Polytech we aspire to have a workforce that is representative of the diversity within our communities. For this hiring process, a preference hiring practice will be applied. First consideration will be given to applicants who self-identify within their application as one or more of the following equity-deserving group(s): Women, Indigenous Peoples, Persons with Disabilities, Racialized Persons, Persons of the 2SLGBTQIA+ Community. First consideration will also be given to internal applicants. For more information about our hiring practices, please visit: www.rrc.ca/hr/work/hiring-process/.

Employment support is available to both internal and external candidates who self-identify as Indigenous (First Nations, Métis, or Inuit) seeking employment at Red River College Polytechnic. For guidance on the application process, interview preparation, or to discuss accommodation needs, applicants are invited to contact our Indigenous Recruitment Consultant at Indigenoustalent@rrc.ca.

ELIGIBILITY LIST: This competition may be used to establish a 6 month eligibility list of qualified candidates for future vacancies.

DUTIES

The Price Institute for Advanced Manufacturing and Mechatronics (PIAMM) is a dynamic response to the present and future needs of Manitoba's manufacturing sector, with strong annual outputs that will benefit Manitoba's economy and communities for generations to come. The Institute and the Applied Research Chair in Advanced Manufacturing and

Mechatronics is positioned to accelerate adoption of the digital technologies — such as automation, additive manufacturing, AI and robotics — driving Industry 4.0 in Manitoba. The primary role of the Research Chair is to develop a programmatic area of applied research in Advanced Manufacturing and Mechatronics to serve Manitoba industry by initiating, leading and developing industry-partnered applied research projects and proposals and attracting partnerships and funding. Reporting to the Director Technology Access Centre for Aerospace & Manufacturing, the Research Chair will be responsible for building a team and leading innovative research in a strategic area aligned with institutional and national priorities. The duties include forging research partnerships and collaborations, attracting and securing funding and investment for research program development, tracking and communicating metrics and impacts. The incumbent holds financial accountability for research program funding and will ensure post-award administration requirements are met including but not limited to Tri-Agency Guide on Financial Administration (TAGFA). As a member of RPI Leadership team, the candidate will contribute to the institution's strategic research goals by developing and maintaining a robust research agenda, identifying and acquiring tools, materials infrastructure and services required to conduct research activities. The candidate is responsible to lead knowledge mobilization and knowledge translation, disseminating research results through academic and technical reports, conference presentations, invited talks, publications, informing curricula, community and industry events and other internal and external venues.

REQUIRED QUALIFICATIONS

- PhD in Mechatronics or Artificial Intelligence or relevant field. A combination of education and experience may be considered.
- Demonstrated experience to attract and sustain significant partnerships and funding
- Demonstrated research experience (scholarly and/or applied) in a field relevant to Advanced Manufacturing and Mechatronics
- Experience in research program management
- Effective human resource and financial management skills
- Experience creating and managing project budgets and projections
- Experience in leading research/technical teams
- Demonstrated skill in developing and writing successful funding proposals

- Knowledge of funding programs and requirements (Tri-council, federal, provincial, other)
- Strong verbal and written communication skills
- Demonstrated ability to establish effective working relationships with a diverse range of internal and external stakeholders
- Experience building a respectful workplace culture that promotes diversity, learning and continuous improvement

ASSET QUALIFICATIONS

- Industry experience in Advanced Manufacturing and/or Mechatronics
- Business development skills in applied research context

CONDITIONS OF EMPLOYMENT

- Applicants must be legally entitled to work in Canada
- This position may be required to work evenings and/or weekends

Please note that applicants internal to Red River College Polytechnic must apply through My Portal on HRIS Unlimited.

RRC Polytech campuses are located on the lands of the Anishinaabeg, Ininiwak, Anishininwak, Dakota Oyate, and Denésuline, and the National Homeland of the Red River Métis.

We recognize and honour Treaty 3 Territory Shoal Lake 40 First Nation, the source of Winnipeg's clean drinking water. In addition, we acknowledge Treaty Territories which provide us with access to electricity we use in both our personal and professional lives.