

Research Technologist, Mechanical (Term)

Technology Access Centre for Aerospace and Manufacturing

Applicants are to clearly demonstrate how they satisfy the selection criteria in their written submissions and must identify the competition number they are applying for in the subject line of the email.

This competition may be used to establish a 12 month eligibility list of qualified candidates for future vacancies.

DUTIES

Reporting to the Director, Technology Access Centre for Aerospace and Manufacturing (TACAM) at RRC Polytech, the Research Technologist supports applied research activities in 3D modeling, mechanical analysis, product development and manufacturing activities. Specific duties include developing technical drawings, computer models, simulations, specifications, tools and fixtures. The successful candidate provides hands-on support for prototyping and product development, and for interfacing a variety of mechanical systems with other machines. The candidate will be required to work as part of project teams to develop solutions for industrial clients, and also develop technical reports for both College-based and industrial client projects. This position will support technology workshops and knowledge dissemination and industry outreach activities.

REQUIRED QUALIFICATIONS

- Post-secondary education in Mechanical, Manufacturing or Mechatronics Engineering/Technology. An equivalent combination of education and experience may be considered
- Experience using 3D CAD modeling for mechanical design
- Hands-on experience in the design and fabrication of machines, tools and fixtures
- Experience working in the aerospace or manufacturing industry (including Co-op or internship)
- Ability to undertake multiple tasks with limited supervision
- Strong written communication skills
- Excellent oral communication skills
- Excellent interpersonal skills
- Experience in project management
- Values Diversity, Equity, and Inclusion
- Commitment to lifelong learning

ASSETS

- Experience using Solidworks and using FEA software for mechanical analysis
- Experience working in College applied research such as a Technology Access Centre
- Experience in design for additive manufacturing

CONDITIONS OF EMPLOYMENT

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

RRC Polytech requires that staff, students and faculty either be fully vaccinated or have an approved exemption to be able to attend any campus. For further information please review the [COVID-19 policy](#).

COMPETITION NUMBER

2021-240

CLOSING DATE

December 1, 2021

SALARY

\$47,774 - \$65,326 per annum

POSITION LOCATION

Notre Dame Campus
(Winnipeg, MB)

POSITION TYPE

Full-Time, Term Position Available
Anticipated Jan 10, 2022 up to Mar 31, 2023
Possibility of an Extension

APPLY BY EMAIL TO

humanresources@rrc.ca

Red River College Polytechnic is a leader in applied learning and innovation. Our talented team of employees is passionate about education, innovation and student success. We offer competitive salaries, extensive benefits and the opportunity for personal and professional growth in a rewarding career.

At RRC Polytech we are committed to fostering an inclusive environment, where all employees and students feel valued, respected and supported. The College seeks to increase diversity among its community members and welcomes applications from women, Indigenous persons, racialized persons, persons with disabilities, persons of all sexual and gender identities and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.



Red River College Polytechnic is committed to providing accessible employment, and ensuring that our recruitment, assessment and selection process is barrier free. If a candidate requires accommodation during the hiring process, Human Resources Services will work with the individual to meet their needs. We thank all applicants for their interest, but only those selected for an interview will be contacted. For more information and other employment opportunities, visit rrc.ca/hr