



## Mechanical and Materials Engineering Student - May 2024

Apply

📍 Fort McMurray - Base Plant  
Sherwood Park  
Calgary

🕒 Posted 30+ Days Ago

📄 R0007988

Joining Suncor means you will work for one of the best companies in Canada, providing tremendous future potential where talented people thrive and lead. As our business evolves, so do our employment opportunities. Our work culture includes a dynamic mix of professionals, with a diversity of skills and expertise.

At Suncor, our student positions offer an exceptional opportunity to gain significant and meaningful work experience. Work alongside some of the most talented people in the energy industry, benefitting from their mentorship and support. With a broad offering of field and corporate experience, Suncor will empower you to

shape the trajectory of your career. Better yet, many of our students go on to become permanent Suncor employees after they graduate!

#### **Minimum Requirements:**

- Current enrollment in an undergraduate Mechanical or Materials Engineering program at an accredited post-secondary institution
- You must be returning to full-time studies after the work term
- Please attach your most recent transcripts with your application
- Strong computer skills including familiarity with Word, Excel and PowerPoint

#### **Responsibilities:**

- Develop a familiarity with various types of mechanical equipment within Suncor's operations, and the codes and standards which govern their design and operation, including: piping, pressure vessels, heat exchangers, fired heaters, pumps, compressors, material handling equipment, and mining equipment
- Develop tools for tracking reliability, inspection and operating information
- Support engineering and maintenance teams in responding to day to day operational issues, and development repair scopes and work plans for repair or modification of equipment
- Provide technical support to capital projects and maintenance engineering through the design and execution phases, including producing and reviewing engineering deliverables, construction support.
- Support creation and update of engineering documents such as drawings, datasheets, technical specifications and standards.
- Support field inspection activities
- Prepare and present summary reports, performance metrics reports, graphical representation, data analysis and presentations, as required
- Understand and apply Root Cause Failure Analysis (RCFA) and troubleshooting methods to resolve operating equipment challenges

#### **Location and other Key Details:**

- This is a 4, 8, 12 or 16-month work term starting in May 2024. You will be asked to indicate your availability in your application
- Potential locations include Calgary, Edmonton, Firebag (Fly-in-Fly-Out), Fort McMurray (Regional Municipality of Wood Buffalo), MacKay River, Fort Hills (Fly-in-Fly-Out)
- Relocation assistance will be provided if required

#### **Why Suncor?**

Suncor's operations include oil sands development, production and upgrading; offshore oil and gas; petroleum refining in Canada and the U.S.; and the company's Petro-Canada retail and wholesale distribution networks (including Canada's Electric Highway™, a coast-to-coast network of fast-charging electric vehicle stations). Suncor is developing petroleum resources while advancing the transition to a low-emissions future through investment in power, renewable fuels and hydrogen.

With a strong strategy for growth and our long-standing approach to sustainability, operational excellence, capital discipline and technology and innovation, Suncor offers a solid foundation for you to continue building your career. We offer rewarding opportunities for you to learn, contribute and grow in a variety of career-building positions – all of which means tremendous potential for your future. We are focused on deepening our commitment to inclusion and diversity and creating a respectful workplace.

We are an equal opportunity employer and encourage applications from all qualified individuals. We are committed to providing a diverse and inclusive work environment where every employee feels valued and respected. We have numerous employee inclusion networks to help foster an inclusive and respectful culture and drive positive change within Suncor. Current networks include both workplace inclusion networks (focusing on inclusion and respect for all), and identity-focused networks (focusing on building community and a sense of belonging and allyship). Through the Journey of Reconciliation, we are progressing the way we think and act to build greater mutual trust and respect with the Indigenous Peoples in Canada. Please note we will consider accessibility accommodations to applicants upon request.



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## About Us



At Suncor, our [purpose](#) is to provide trusted energy that enhances people's lives while caring for each other and the earth. Our [values](#) guide us in fulfilling our purpose and represent who we are, and who we aspire to be.

In 1967, we pioneered commercial development of Canada's oil sands – one of the largest petroleum resource

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