

Mechanical Engineer

Written by Administrator
Wednesday, 09 June 2010 22:59 -

Mechanical Engineer

Mechanical Engineers design, produce, and use mechanical systems that control and transform energy.

What Do Mechanical Engineers Do?

- provide direction and support to ensure ventilation systems are designed, installed and maintained in accordance with company policy and applicable regulations
- monitoring, balancing and initiating repairs to the various auxiliary ventilation systems
- implementing energy usage optimization plans for industrial processes and building systems

Where do Mechanical Engineers work?



- AREVA and Cameco
- Forestry, agriculture, oil and gas companies
- Thermal and hydro-electric power stations
- Petrochemical/refining
- food and beverage production
- Manufacturing companies
- Mechanical construction
- Provincial government

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- Utility systems (water, natural gas, electricity)

Job Titles

- Designer
- Engineer
- Professional Engineer

What characteristics do you need?

- Good oral and written communication skills
- Ability to think in mathematical and abstract terms
- Ability to visualize three-dimensional objects from two-dimensional drawings
- Practical, mechanical inclination
- Interest in technical processes
- Persistence and determination
- Good interpersonal skills and the ability to work as part of a team

Estimated Average Hourly Wage from Service Canada - Saskatchewan - \$40.24/hour

Post-Secondary Institute

- University of Saskatchewan – Mechanical Engineering
 - o Degree Program
 - o Grade 12 with a minimum of 78% average including a 30-level English, Mathematics B30, Mathematics C30, Calculus 30, Chemistry 30 and Physics 30
 - o Length: 4 years

Career Ambassador Project
Community Vitality Monitoring Partnership Process
306-425-6883