

## Civil Engineering

Written by Administrator

Tuesday, 08 June 2010 22:51 - Last Updated Wednesday, 09 June 2010 15:08

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## Civil Engineering

Civil engineering is the branch of engineering that deals with the design, construction and maintenance of the physical and naturally built environment.

### What Do Civil Engineers Do?

- Build bridges, tunnels, and other structures which are designed to facilitate the smooth, even flow of traffic while allowing for expansion
- Water treatment including sewage plants, delivery systems for fresh water, dams, and other facilities which handle both fresh and waste water
- Plan, design and track mine and construction activities at minesites

### Where do Civil Engineers work?

- AREVA and Cameco
- Engineering consulting companies
- Petroleum companies
- Municipalities
- Provincial and federal government



### Job Titles

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- Mine Engineer
- Surveyor

### What characteristics do you need?

- Interest in chemistry, math and computers
- Enjoy problem solving
- Communication skills

**Estimated Average Hourly Wage from Service Canada - Saskatchewan - \$40.05/hour**

### Post-Secondary Institute

- University of Saskatchewan
  - o Degree Program
  - o Require: Grade 12 with a minimum of 78% average including Math B30, Math C30, Physics 30, 30-level English, Calculus 30, Chemistry 30
  - o Length: four-years

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