

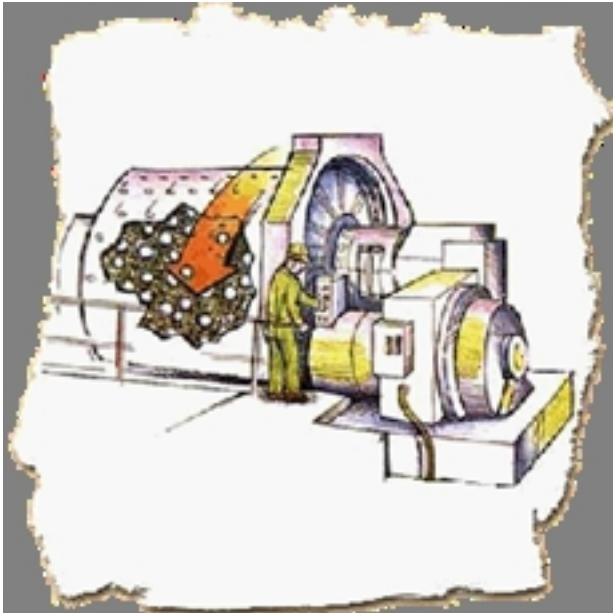
### Instrumentation

Instrumentation is the branch of science that deals with measurement and control.

#### What do Instrumentation Technicians do on the job?

- Responsible for the design, construction and maintenance of instruments
- Required to trouble-shoot, de-bug and program controllers relating to mill process and other electronic equipment
- Calibration of instruments
- Set up and preparation of drawings and schematics for control loops
- Improve system productivity, reliability, safety and stability

#### Where do Instrumentation Technicians work?



- AREVA and Cameco
- Pulp and paper industry
- Engineering firms
- Petrochemical plants
- Sales and service companies
- Oil refineries
- Gas plants
- Consulting firms

#### What characteristics do you need?

- High level of mathematical, electronic and computer knowledge
- Communication skills

## **Instrumentation Technician**

Written by Administrator

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### **Estimated Average Hourly Wage from Service Canada - Saskatchewan - \$38.46/hour**

#### **Post-Secondary Institutes**

- SIAST – Instrument Engineering Technology
  - o Diploma Program
  - o Require: Grade 12 with a minimum of 60% in Math B30, Math C30 and Physics 30
  - o Length: 77 weeks (five academic semesters) and three four-month paid Co-operative Education work terms
  
- Saskatchewan Apprenticeship – Industrial Instrument Technician
  - o Must be working in the trade and under the supervision of a certified journeyperson
  - o Completed Grade 12
  - o Length: 4 years including 1,700 hours of technical training and on-the-job training

Career Ambassador Project

Community Vitality Monitoring Partnership Process

306-425-6883