

## CAREER PROFILE

# INDUSTRIAL ENGINEER

**Name:** Julien Brazeau  
**Employer:** Mosaic  
**Education:** BSc. Industrial Engineering



**DETAILS OF THE JOB:** The most distinctive aspect of Industrial Engineering is the flexibility that it offers. At the start of Julien's career as an Industrial Engineer he worked on site on various engineering projects and is now a maintenance superintendent at the mine site. His engineering degree and background helped him prepare for this role from a mechanical and technical perspective.

Industrial Engineers help to streamline processes, and figure out ways to do things better to improve quality and productivity.

**A TYPICAL DAY:** Julien begins each day meeting with the supervisors that report to him. They review the day's plan for what maintenance needs to be done, taking into account any safety or environmental concerns.

"I enjoy the work because it is challenging and the projects that need to be dealt with are always changing" says Julien.

### SKILLS NEEDED:

- Good people skills, and good time management skills
- Good problem solving skills, and ability to troubleshoot and make quick decisions
- Ability to see the 'big picture' of your over-all operations
- A technical and mechanical aptitude and enjoyment of math and science

### COMMENT:

"You have to "love learning" because the learning doesn't end after university. You are always learning about new ways to do things, dealing with different types of materials etc. You have to continue to educate yourself" says Julien.

**WHERE CAN I GO TO GET AN EDUCATION?** U. of Regina

**HELPFUL HIGH SCHOOL COURSES:** Physical Science 20, Chemistry 30, Physics 30, Mathematics 30, Calculus 30

**NOC: 2141**

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