### A CAREER CHOICE WITH MS DALLISON



### **BECOMING A... MATAARO METARAHI**



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#### What does an Engineer do?

Civil Engineers design, plan, organise and oversee the building of structures such as dams, bridges, gas and water supply systems, sewerage systems and roads. They analyse the way these structures are likely to behave once they're built, and choose the best materials and construction methods for each design.

#### **Personal Requirements?**

- Skilled at analysing and interpreting information
- Practical and logical, with good problem solving skills
- Safety conscious
- Good at planning and organising
- Creative and innovative, with good design skills
- Able to work well under pressure
- Able to work independently and in a team



#### Other Information?

- Civil Engineers usually work regular business hours, but may need to work evenings and weekends or be on call.
- Civil Engineers work in offices and in the field, at locations such as construction sites.
- Professional Engineers work on and manage large, complex engineering projects. To become a professional Engineer you need a Bachelor of Engineering Degree, this will take four years.
- Engineering technologists work on less complex, broadly defined engineering. To become an engineering technologist you need a Bachelor of Engineering Technology Degree, this will take three years.
- Useful subjects include English, Maths with Calculus, Physics and Chemistry.

#### Pay:

Graduate civil engineers earn

\$45K - \$60K per year

This is approximately \$720 - \$925 per week

Senior civil engineers who work as team leaders or managers earn

\$85K - \$220K per year

This is approximately \$1246 - \$2976 per week

### Job opportunities



Chances of getting a job as a civil engineer are good due to a shortage of people in the role and increasing construction activity.

