



ROAD SUPERINTENDENT

Civil Engineering Technologists complete research, design, construction and maintenance of projects such as houses, roads, bridges, dams and water supply systems. They estimate costs and prepare specifications for materials, inspect civil engineering works, ensuring finished works are within specifications, contract terms and regulations.

Program:

In the Civil Engineering Technology program, you gain an education in civil engineering theory, combined with practical work in laboratories and in the field. You become familiar with the structural properties of timber, steel, masonry and concrete and study the design of roads, buildings, structures water distribution and sewage and drainage systems. Technical communication is covered in this course.

Colleges :

- CONESTOGA COLLEGE-CIVIL ENGINEERING TECHNOLOGY
- FANSHAWE COLLEGE-CIVIL ENGINEERING TECHNOLOGY
- MOHAWK COLLEGE-CIVIL ENGINEERING TECHNOLOGY
- SENECA COLLEGE-CIVIL ENGINEERING TECHNOLOGY



N.O.C. 2231

DUTIES

Reading Text Document
Use Measurements &
Calculations Problem
Solving Read Blueprints

SKILLS

- Develop engineering designs and drawings from preliminary concepts and sketches
- Prepare construction specifications, cost and material estimates, project schedules and reports
- Supervise data collection, conducting field surveys, inspections or technical investigations of infrastructure systems, buildings and structures
- Conduct or supervise inspection and testing of construction materials
- Assist in developing engineering specifications and drawings

EDUCATION

- A high school diploma is required
- Experience in construction is an asset
- Completion of college is preferred
- Years of experience could lead to internal career promotions
- Certification in civil engineering technology is available through OACETT and may be required

HAND ASSOCIATION

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