ENVIRONMENTAL ENGINEERING TECHNOLOGIST

DESCRIPTION

Environmental engineers have helped make the modern world what it is today, replete with safe food, water, and breathable air. Environmental Engineering Technologists assist Civil Engineers in the research, design, construction and maintenance of projects such as dwellings, roads, bridges, dams and water supply systems.

SKILLS

- Works well under pressure
- Manage materials, equipment and tools
- Exceptional understanding of science and math
- Ability to write and analyze technical reports
- Work with numbers to perform calculations
- Thrive in team dynamics

DUTIES

- Develop engineering designs and drawings from preliminary concepts and sketches
- Prepare construction specifications, cost and material estimates, project schedules and reports
- Conduct or supervise inspection and testing of construction materials
- Supervise or conduct field surveys
- Inspect the topography, soils, drainage and water supply systems, road and highway systems and structures
- Provide data for engineering projects

EDUCATION

- **Completion of high school is required**
- Completion of a three-year college program in civil engineering technology or a closely related discipline is required

RELATED PATHWAY OPTIONS

Environmental microbiology technologist

Wastewater operator

SALARY RANGE $50,000 to $100,000

VISIT WWW.MYOCCA.CA FOR MORE CAREERS IN CONSTRUCTION

WHERE TO TRAIN

N/A

OTHER OPTIONS

TECHNICIAN PROGRAM ONLY

LAMBTON COLLEGE

MOHAWK COLLEGE

NIAGARA COLLEGE

NORTHERN COLLEGE

SENECA COLLEGE

SHERIDAN COLLEGE

TECHNOLOGIST PROGRAMS

ALGONQUIN COLLEGE

CAMBRIAN COLLEGE

CENTENNIAL COLLEGE

CONFEDERATION COLLEGE

FLEMING COLLEGE

GEORGIAN COLLEGE

TECHNOLOGIST PROGRAMS

CONESTOGA COLLEGE

DURHAM COLLEGE

FANSHAWE COLLEGE

GETTING STARTED

THE OCCA CAN HELP YOU EXPLORE THESE THREE PATHWAYS:

1. You can begin by applying for a job directly in the Construction Industry. Once you begin working with a Construction Company or Contractor you will quickly gain the necessary skills needed to advance yourself through in-house, work-as-you-learn training.

2. You can get started through an apprenticeship program by combining on the job training with technical in-class training, gaining experience and increased responsibility. You can work in the industry, get paid, and work towards earning credits .

3. You can enroll in a University, Community College or a Private Technical School to study and prepare yourself for a Career in Construction. All of this information may be found through our website.