

SKILLS YOU DEVELOPED WITH YOUR DEGREE?

COMMUNICATION SKILLS

The ability to communicate ideas clearly and efficiently in a variety of mediums (written, oral, visually and electronically).

PROBLEM SOLVING

Use critical thinking skills to evaluate and solve problems.

Demonstrate the ability to be creative and innovative in identifying solutions.

PERSONAL MANAGEMENT SKILLS

Able to work effectively and independently under deadlines.

Plan, design, and carry out projects from start to finish with well defined objectives and outcomes.

INFORMATION MANAGEMENT

Locate, gather, and organize information using technology and information systems.

Use research skills to access, analyze, and apply knowledge.

TEAMWORK SKILLS

Able to work effectively within a team.

Demonstrate the ability to lead or support a team while monitoring the success of project and identifying ways to improve it.

ETHICS AND VALUES

The ability to take into consideration the costs, benefits, and impact of projects on the individuals involved and society in general.

WHAT CAN YOU DO WITH YOUR DEGREE?

ENVIRONMENTAL ENGINEER

Design, plan, or perform engineering duties in the prevention, control, and remediation of environmental health hazards utilizing various engineering disciplines. Work may include waste treatment, site remediation, or pollution control [technology](#).

SOIL CONSERVATIONIST

Plan and develop coordinated practices for soil erosion control, soil and [water conservation](#), and sound land use.

WASTEWATER OPERATIONS MANAGER

Plan, direct, and control the operations and maintenance of an entire wastewater treatment facility including primary treatment, oxidation processes, and secondary treatment processes, maintain records, and prepare reports regarding the operation of the treatment plant and the quality of the effluent.

ENVIRONMENTAL COMPLIANCE INSPECTOR

Inspect and investigate sources of pollution to protect the public and environment and ensure conformance with Federal, Provincial, and local regulations and ordinances.

INDUSTRIAL SAFETY ENGINEER

Plan, implement, and coordinate safety programs, requiring application of engineering principles and technology, to prevent or correct unsafe environmental working conditions.

ENVIRONMENTAL ENGINEERING TECHNICIAN

Apply theory and principles of environmental engineering to modify, test, and operate equipment and devices used in the prevention, control, and remediation of environmental pollution, including waste treatment and site remediation. May assist in the development of environmental pollution remediation devices under direction of engineer.

