

Environmental Technician- Protection and Compliance

Program Learning Outcomes

Learning outcomes represent culminating demonstrations of learning and achievement. In addition, learning outcomes are interrelated and cannot be viewed in isolation of one another. As such, they should be viewed as a comprehensive whole. They describe performances that demonstrate that significant integrated learning by graduates of the program has been achieved.

The graduate has reliably demonstrated the ability to

1. collect representative environmental samples and perform routine tests, using current and relevant tools.
2. use scientific concepts and models when contributing to the prevention, control and elimination of environmental hazards and remediation of contaminated sites.
3. assist with analysis of water/soil/air samples and with the resolution of environmental problems through the application of scientific and engineering principles.
4. follow standard procedures for conducting environmental sampling projects including the use of appropriate equipment and materials.
5. promote and maintain sustainable practices by applying the elements of ecosystem-based management.
6. carry out work responsibilities adhering to standards of professional conduct and principles of professional ethics.
7. complete assigned tasks in adherence to occupational health and safety standards and applicable legislative requirements.
8. follow established protocols in support of environmental management systems.
9. provide ongoing support for project management.
10. communicate technical information accurately and effectively in oral, written, visual and electronic forms.
11. develop and present strategies for ongoing personal and professional development to enhance performance as an environmental technician.