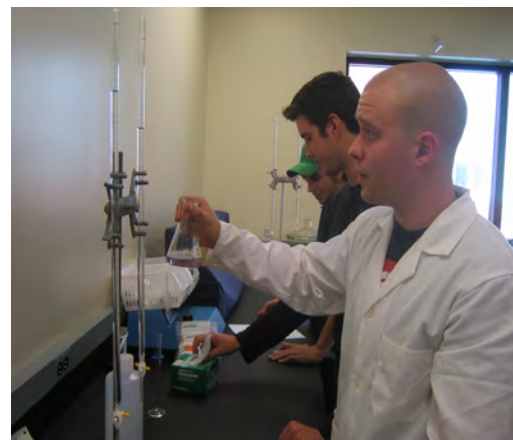




WATER TREATMENT AND WATER DISTRIBUTION DURHAM COLLEGE CERTIFICATE

Revised: 01/13

New regulations require current employees working in the water and/or waste water sectors to continually enhance their current qualifications and meet the Ontario Ministry of Environment's Educational Units. Durham College offers a complete range of courses to the public and private sectors for both water supply and wastewater projects. You will develop skills to meet the requirements of municipalities with water and wastewater treatment systems; water-use industries; and environmental monitoring agencies.

PROGRAM OUTCOMES

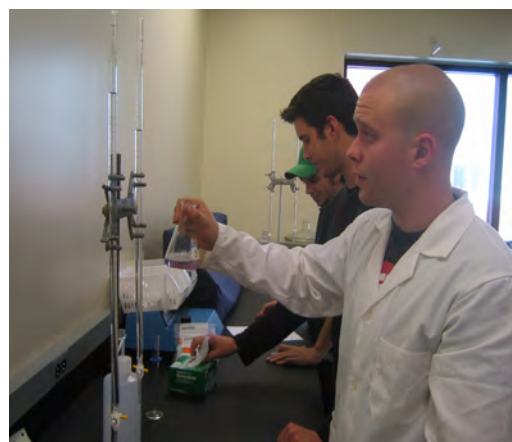
Upon successful completion of this program, graduates have reliably demonstrated the following learning outcomes:

- Work independently and with others to conduct tests related to water.
- Make decisions based on an understanding of Ontario Environmental Legislation affecting waste water.
- Collaborate with individuals in testing and trouble shooting plant equipment at various water treatment and distribution centres.
- Collaborate on basic design concepts and operational techniques of industrial and municipal waste treatment and distribution centres.

CAREER OPPORTUNITIES

Graduates of these programs will have the necessary knowledge, training and certification required to obtain employment with:

- Environmental monitoring agency;
- Government laboratory and regulatory branch;
- Industrial operation;
- Water and wastewater treatment plants across Canada.



WASTEWATER COLLECTION AND WASTEWATER TREATMENT

DURHAM COLLEGE CERTIFICATE

Revised: 01/13

New regulations require current employees working in the water and/or waste water sectors to continually enhance their current qualifications and meet the Ontario Ministry of Environment's Educational Units. Durham College offers a complete range of courses to the public and private sectors for both water supply and wastewater projects. You will develop skills to meet the requirements of municipalities with water and wastewater treatment systems; water-use industries; and environmental monitoring agencies.

PROGRAM OUTCOMES

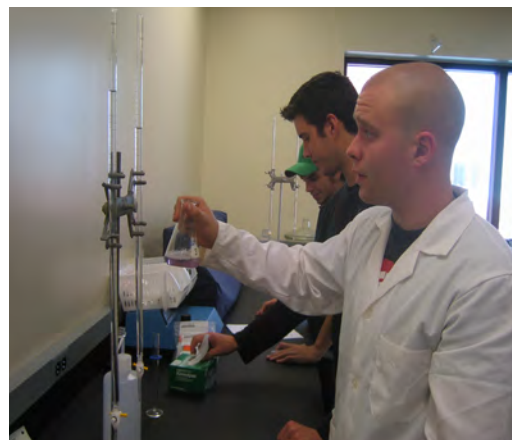
Upon successful completion of this program, graduates have reliably demonstrated the following learning outcomes:

- Complete all tasks associated with water/wastewater collection and treatment in accordance with all relevant law, legislation, and industry best practices;
- Integrate knowledge of the physical, chemical, microbiological, and movement properties of water to the collection and treatment of water and wastewater;
- Operate and monitor PLC and HMI within industrial control SCADA systems;
- Maintain water treatment and sewage plant systems;
- Work safely with high pressure hydraulic systems and components.

CAREER OPPORTUNITIES

Graduates of these programs will have the necessary knowledge, training and certification required to obtain employment with:

- Environmental monitoring agency;
- Government laboratory and regulatory branch;
- Industrial operation;
- Water and wastewater treatment plants across Canada.



WATER QUALITY ANALYST

DURHAM COLLEGE CERTIFICATE

Revised: 01/13

New regulations require current employees working in the water and/or waste water sectors to continually enhance their current qualifications and meet the Ontario Ministry of Environment's Educational Units. Durham College offers a complete range of courses to the public and private sectors for both water supply and wastewater projects. You will develop skills to meet the requirements of municipalities with water and wastewater treatment systems; water-use industries; and environmental monitoring agencies.

PROGRAM OUTCOMES

Upon successful completion of this program, graduates have reliably demonstrated the following learning outcomes:

- Work independently and with others to conduct tests related to water and waste water.
- Make decisions based on an understanding of Ontario Environmental Legislation affecting waste water.
- Analyze and interpret test results for supervisors.

CAREER OPPORTUNITIES

Graduates of these programs will have the necessary knowledge, training and certification required to obtain employment with:

- Environmental monitoring agency;
- Government laboratory and regulatory branch;
- Industrial operation;
- Water and wastewater treatment plants across Canada.