



Water Quality Professional Certificate

Program: Engineering

Program Code:

WQ

Academic Area:

Science, Technology, Engineering and Mathematics

Type:

Certificate of Recognition

CIP Code:

15.0808

Program Statement

This certificate provides students with skills for entering careers in water and wastewater treatment. Coursework prepares students for the Massachusetts operator certification examinations or can be used as contact hours by those already in the field. Courses can be transferred to the Bristol Engineering Technology degree program.

Program Information

- Students choose the Drinking Water or Wastewater concentration for preparation for the certificate exam of their choice.
- Field operators may use coursework to fulfill state license Training Contact Hours (TCHs) requirements.
- Some prerequisites may be required before enrolling in courses in this program. These courses may be completed at Bristol, or credit may be transferred from another institution or granted through Bristol's Prior Experiential Learning (PEL) program.
- This program serves as a solid base for continuing toward a degree with courses transferring to Bristol's Environmental Technology program.

Program Requirements

Course #	Title	Credits
EGR 103	Computer Skills for Engineers and Technicians	3
EGR 141	Introduction to Environment	3
EGR 241	Clean Water Technology I	4

Drinking Water Treatment Plant Operator

Concentration Course

Course #	Title	Credits
EGR 244	Basic Drinking Water Treatment	4



Wastewater Treatment Plant Operator

Concentration Course

Course #	Title	Credits
EGR 242	Clean Water Technology II	4

Recommended Course Sequence - Semester 1

Course #	Title	Credits
EGR 141	Introduction to Environment	3
EGR 241	Clean Water Technology I	4

Recommended Course Sequence - Semester 2

Course #	Title	Credits
EGR 103	Computer Skills for Engineers and Technicians	3
	Concentration Course: EGR 242 or EGR 244	4
	Total credits:	14