



Drinking Water Quality Professional Technician Certificate

Program: Engineering

Program Code:

DW

Academic Area:

Science, Technology, Engineering and Mathematics

Type:

Certificate of Achievement

Campus:

Fall River

CIP Code:

14.0805

Program Goals Statement

Prepare students to enter into, or to advance in, careers in the water industry with particular attention to drinking water treatment and distribution. Students successfully completing these courses will be prepared to take the Massachusetts Drinking Water Treatment Operator and Distribution System Certification Examinations.

After Bristol

After completing the program at Bristol, students will be prepared to enter the career fields of Drinking Water Treatment and Distribution Systems. These careers are currently in high demand due to the developing need for clean water and a high level of retirements nationwide. These careers offer stable employment with benefits. These jobs can be found with local municipalities, or with contract operations companies that contract their services to municipalities.

Program Requirements

Course #	Title	Credits
EGR 103	Computer Skills for Engineers and Technicians	3
EGR 141	Introduction to Environment	3
	EGR 143 or MTH 152	3
EGR 145	Computerized Systems in the Water Treatment Industry	3
EGR 244	Basic Drinking Water Treatment	4
EGR 248	Advanced Water Treatment	4
EGR 249	Distribution Systems	3
ENG 101	Composition I: College Writing	3



Recommended Course Sequence - Semester 1

Course #	Title	Credits
EGR 103	Computer Skills for Engineers and Technicians	3
EGR 141	Introduction to Environment	3
	EGR 143 or MTH 152	3
EGR 244	Basic Drinking Water Treatment	4

Recommended Course Sequence - Semester 2

Course #	Title	Credits
EGR 145	Computerized Systems in the Water Treatment Industry	3
EGR 248	Advanced Water Treatment	4
EGR 249	Distribution Systems	3
ENG 101	Composition I: College Writing	3
Total credits:		26

Category Descriptions

EGR 143 or MTH 152

Credits: 3

Choose one of the following:

Course #	Title	Credits
EGR 143	Conceptual Math for Environmental Technicians	3
MTH 152	College Algebra	3