



One Riverside Drive East Hartford, CT 06118

## ENVIRONMENTAL STUDIES PROGRAM

### Water Distribution and Operations

ENV 146 - 3 Credits

Mondays - 5:00 – 8:00 P.M.

Course Description:

This course is designed to train students in the practical aspects of operating and maintaining water distribution systems. The course is taught in a Hybrid format with 5 on campus classes and the remaining 10 weeks utilizing online learning techniques.

Coursework includes: the role and duties of water system operators, procedures for operating and maintaining clear wells and storage tanks, components and characteristics of distribution system facilities, operating and maintaining distribution systems, maintaining water quality in the system, disinfecting new and repaired facilities as well as delivered to consumers, and techniques for recognizing hazards and developing safe procedures and programs. Students will learn to analyze and solve problems when they occur and perform mathematical calculations commonly associated with operating a distribution system.

### Special Topics in Water Distribution

ENV 242 - 3 Credits - Prerequisite: ENV 146

Mondays - 5:00 – 8:00 P.M.

Course Description:

This course is designed to train students in the basics behind the design, construction, and maintenance of water distribution systems. The course is taught in a Hybrid format with 5 on campus classes and the remaining 10 weeks utilizing online learning techniques.

Coursework includes: Basic equipment, structures, operation, and maintenance of city water distribution systems. Piping system design and installation, valves, water tanks, and other major components are also covered. Additional topics include pipe tapping, cross connection and backflow prevention as well as fundamentals of information management, plus utility public relations and the role of the distribution systems operator.

For more information contact Bruce Morton, Program Director, 860-913-2027, or at [bmorton@goodwin.edu](mailto:bmorton@goodwin.edu), or Jeff Lee, Director of Corporate Partnerships, 860-913-2030 or at [jvlee@goodwin.edu](mailto:jvlee@goodwin.edu)

*Contact us SOON! The next semester starts on 1/11/11*



## ENVIRONMENTAL STUDIES PROGRAM

### *New! Certificate of Achievement in Water Management\**

This certificate program will consist of the following five (5) courses that total 16 college credits; that plan of study is as follows:

ENV 103 Introduction to Environmental Science	- 4 college credits
ENV 140 Water Utility Management	- 3 college credits
ENV 142 Water Treatment and Operations	- 3 college credits
ENV 146 Water Distribution and Operations	- 3 college credits
ENV 240 Special Topics in Water Treatment	- 3 college credits
Or	
ENV 242 Special Topics in Water Distribution	- 3 college credits

\* Targeting January 2011 start date

**For more information contact Bruce Morton, Program Director, 860-913-2027, or at [bmorton@goodwin.edu](mailto:bmorton@goodwin.edu), or Jeff Lee, Director of Corporate Partnerships, 860-913-2030 or at [jvlee@goodwin.edu](mailto:jvlee@goodwin.edu)**

*Contact us SOON! The next semester starts on 1/11/11*