



## EGR 246: Collection Systems

This course is designed to introduce the student to the process of collection of wastewater within a community. Students will learn about the components of the collection system, safe working practices, inspection and testing of collection systems, pipeline cleaning and maintenance, underground repair and construction, and the components, operation, and inspection of lift stations. This course will also help prepare students for Collection System Certification Examinations. Three lecture hours per week.

## Course Student Learning Outcomes

Upon successful completion of this course students will be able to: 1. Describe the importance of, and the components of wastewater collection systems. 2. Operate wastewater collection systems safely. 3. Inspect, operate, clean, and maintain collection systems. 4. Operate, inspect, and maintain the lift stations in the collection systems. 5. Be prepared to take the Massachusetts Collection System Operator Certification Examinations.

**Credits:** 3

**Program:** Engineering