

GUAM COMMUNITY COLLEGE
School of Trades & Professional Services
Construction Department
Syllabus

Course: WA200, Water Supply and Hydrology
Instructor: **Room:**
Contact Numbers: **Email:**

Course Description

This course is designed to prepare persons working in the waterworks sector to foresee, plan, and implement strategies for maintaining environmental and water quality as outlined in the United States Environmental Protection Agency (USEPA's) Safe Water Drinking Act, Water Pollution Control Act, and National Environmental Policy Act. Course offering: As needed. Prerequisite: WT100, MA095

Student Learning Outcomes (SLOs):

Upon successful completion of this course, students will be able to:

1. Demonstrate understanding of waterworks specific nomenclature, regulatory standards, and academic subject matter for operator licensing examinations.
2. Identify waterworks treatment modes and their methods for operation.
3. Predict the efficiency of treatment methods using waterworks problem solving and/or troubleshooting techniques.
4. Recognize and utilize safe practices for operating various equipment within a waterworks treatment facility, or its distribution or collections system
5. Recognize and demonstrate understanding of the biological, chemical, microbial, and physical relationships within a waterworks treatment facility or its distribution or collections system.

Teaching Methodologies

Lecture, group participation and hands-on activities, coupled with video and web resources, will be used to help participants acquire the outcomes of the course. Individual activities and projects will be implemented within the classroom as part of the course design.

Grading

A 100-90 **B** 89-80 **C** 79-70 **D** 69-60 **F** 59 and below

FERPA Statement

Please refer to Appendix H in the GCC Catalog.

Emergency/make-up Policy

In the event classes are canceled as a result of a power outage, water outage, bomb scare, typhoon, or other natural disaster, all classes missed will be made up by following the set make up schedule as implemented by the Instructor.

Services for Students with Disabilities

In compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA), a student who wishes to receive instructional accommodations, because of a documented sensory and/or learning disability, should meet with the instructor to discuss these accommodations. In addition, the student must be identified as an individual with special needs, as set forth by the College. The Accommodative Services Coordinator will provide a letter to the course instructor outlining such services needed. Individuals with special needs can contact the Accommodative Services Coordinator at 735-5597 in Room 2139, Student Services and Administration Building, or TDD: 734-8324.