Welcome to Water 031 – Advanced Waterworks Mathematics!! In this class you will learn advanced math principles and how they apply to water related math problems. It is an advanced waterworks math course that builds on concepts learned in Water 030 and introduces new concepts such as water quality blending, horsepower, CT calculations, and others.

By the end of the class you will be able to solve advanced level water distribution and treatment related math problems.

Course Format:
This is offered online and on ground. For an explanation of the difference between online and hybrid courses, please read http://www.canyons.edu/offices/distance_learning/info/DLtypes.asp. The course is offered using Blackboard. Please see the technical requirements indicated below for additional information on Blackboard.

Although online students will have some flexibility in when and how they access the course material throughout the semester, EVERY ONLINE STUDENT WILL NEED TO LOGIN AND PARTICIPATE WITH THE LIVE STREAMING LECTURE DURING THE ASSIGNED ON GROUND CLASS TIME AT LEAST 5 TIMES THROUGHOUT THE SEMESTER. In addition, online students will need to login in and complete each exam during the assigned on ground class day and time.

Online classes are in some ways more challenging than traditional on ground courses. It is imperative that each student has a good internet connection and access to a functioning computer. It is also important that each student understands how to access and navigate through Blackboard (the online portal to all course information.) Please visit http://www.canyons.edu/Offices/Distance_Learning/Blackboard_login.html and become familiar with the site. It is also critical for each student to login to the site routinely and be able to access their canyons.edu email account. All course correspondences and information regarding assignments, exams, etc will be conducted through the canyons.edu email system. For information on forwarding the canyons.edu email to an existing personal email account visit http://www.canyons.edu/offices/admissions/studentemail.asp.

All exams will be given online and there are time limits for each exam and assignments. No make ups will be allowed.

Class Meeting Dates:
This course starts on Monday, February 10, 2014 and ends on Monday, June 2, 2014.

Contacting the Instructor:
Michael Alvord
Office: CCC Room 704
Email: michael.alvord@canyons.edu
Phone: (661) 702-4429
Technical Requirements:
This course is offered using Blackboard. The following links provide information and assistance for Blackboard and online learning.

- Distance Learning Home Page: http://www.canyons.edu/offices/distance_learning/
- Blackboard resources and tutorials: http://www.canyons.edu/faculty/labriem/Blackboard.asp
- Access to the course: http://bb.canyons.edu (not accessible until first day of course)

Course Requirements:
You will need a reliable internet connection, your college email address, and basic computer skills including familiarity with basic windows formats, opening and closing files, sizing windows, starting programs, sending emails, attaching documents, and basic file management skills.

If you have any course related questions, please contact me via email at michael.alvord@canyons.edu or by telephone at (661) 702-4429. When sending an email, please include "Water 032" in the subject line of the email. Doing so will likely improve the promptness of the reply. In general emails will be replied to within 24-48 hours.

I look forward to seeing you online!

Michael Alvord