

Southern Arkansas University Tech
P.O. Box 3499 ~ Camden, AR 71701 ~ 870-574-4500
www.sautech.edu

Online Course Information Form

Course Number: NEAA0012

Course Title: Basic Wastewater Math

Course Description: A 12-training hour course for license renewal designed to help operators understand the basic principles for using math formulas to solve wastewater math problems.

Instructor: Larry G. Hazal

Instructor Bio: Wastewater instructor for the Arkansas Environmental Academy

Prerequisite: Licensed wastewater treatment plant operator

Textbook Title: None

Learning Outcomes: Must score at least 70% on final test to receive training hours

Teaching Methodology, including description of interaction between student and instructor:
Blackboard

Methods of Testing: Quizzes and tests incorporated into the course

Special Attendance Requirements (student contact with instructor, proctored examinations, etc.):
N/A

Other Considerations (writing ability, assignments/projects, time considerations, etc.): Complete course within allotted time frame.

Course Needs

- Microsoft Word – used to complete assignments and submit to instructor
 - Can be accessed via SkyDrive inside your student email account. FREE
 - Can be purchased from Wal Mart or other software vendor and will need to be loaded onto your computer
 - There is also a free product that works just as good as the Microsoft Office Suite. You can download it at <http://download.openoffice.fm/free/?pk=26976>
- Respondus LockDown Browser – used to take exams in Blackboard
 - Cost: Free
 - Can be downloaded to your computer from http://www.sautech.edu/docs/ldb_instructions.pdf
 - *Note: Not compatible with Linux operating system. Must have Windows XP, 2000, ME or 98 operating system for personal computers or OS X 10.3.9 or higher and Safari browser for Macintosh.*
- Adobe Reader 7.0 or higher – used to read files in pdf format
 - Cost: Free
 - Can be downloaded to your computer from <http://www.adobe.com/products/acrobat/readstep2.html>

- Adobe Flash Player (7 or higher) – used to view study activities and demonstrations in Learning Strategies course
 - Cost: Free
 - Can be downloaded to your computer from http://www.adobe.com/shockwave/download/download.cgi?P1_Prod_Version=ShockwaveFlash
- Macromedia Shockwave Player 8.5.1 – used for interactive quizzes, animations and activities
 - Cost: Free
 - Can be downloaded to your computer from <http://www.macromedia.com/shockwave/download/download.cgi?>
- Windows Media Player – used to listen play audio files
 - Cost: Free
 - Comes as part of your Windows operating system
- Java – a technology that is required in order for Blackboard to function properly as well as some other programs that SAU Tech uses with its online classes (**Note: Only one version of Java can be running on your computer at a time.**)
 - Cost: Free
 - Can be downloaded to your computer from http://javashoplm.sun.com/ECom/docs/Welcome.jsp?StoreId=22&PartDetailId=jre-1.5.0_05-oth-JPR&SiteId=JSC&TransactionId=noreg

Note: Before beginning your online course, you should go ahead and make sure each of these programs listed above are loaded on your computer. In addition to the above programs, the courses listed below will require additional programs as stated.