



Southern Arkansas University Tech  
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[www.sautech.edu](http://www.sautech.edu)

## ONLINE COURSE INFORMATION SHEET

**Course Number:** NEAJ0024

**Course Title:** Backflow Prevention Assembly Tester Certification

**Course Description:** This is a comprehensive 40-hour course designed to train the student in the fundamentals necessary to field test the various types of backflow prevention assemblies (Reduced Pressure Principal Assembly, Double Check Valve Assembly, Pressure Vacuum Breaker Assembly). The Backflow Prevention Assembly Tester Certification course is comprised of a series of lectures and hands-on training. Once the student has completed the Internet portion of the course he/she is responsible for contacting the Instructor to make arrangements for completing the hands-on portion of the course. Internet students must have access to the Internet and a browser.

**Instructor:** Jay Northern

**Instructor Bio:** I am the Program Manager for the Arkansas Environmental Academy's Backflow Prevention and Cross Connection Control Certification Program. As Program Manager, I am responsible for instructing water system and plumbing personnel the theory and practice of backflow prevention, as well as providing technical assistance to local communities. I hold the following Degrees, Certifications and Licenses:

- Bachelors of Science, Environmental Health, UALR
- Masters of Public Health, UAMS
- Registered Sanitarian, State of Arkansas
- Backflow Prevention Instructor Certification, University of Florida
- Backflow Prevention Assembly Tester Technician
- Backflow Prevention Assembly Repair Technician
- Arkansas Class 4 Water Treatment License
- Arkansas Class 2 Water Distribution License

**Prerequisite:** None.

**Textbook Information:** Ritland, R. L. (n.d.). *Backflow prevention theory and practice*. Kendall Hunt.

**Learning Outcomes:** The student must show a mastery of the course by scoring a minimum of 70% on the Certification Exam and the Lab Exam.

**Special Attendance Requirement:** This is a self-paced Internet course. The student has three (3) weeks to complete all assignments and test during the Blackboard (Internet) portion of the course. The student is then required to make arrangements with the Instructor to complete the lab portion of the course and take the certification and lab exams.

**Modes of Interaction:** Internet and on-site (hands-on) lab course.

**Methods of Assessment:** Written certification exam (multiple choice) and lab practical exam (hands-on).

**Enrollment Procedures:**

SAU Tech is an open admissions college; however, we have several items that you must provide in order to be admitted:

- Submit application for admission.
- Submit a high school transcript or GED, and official college transcripts from all previously attended colleges (if applicable).
- Provide proof of two immunizations against measles, mumps and rubella.
- Take a placement test. Students enrolling must submit ACT, SAT, ASSET or COMPASS scores. Students can take the ASSET or COMPASS test at SAU Tech.

Students are responsible for all tuition and fees at the time of registration. Students must officially drop by written notice or in person in order to reduce their balance owed. If students never attend class, he/she will still be assessed partial tuition and full student processing fees, unless he/she completely withdraws during the 100% refund period.

In order for a student to drop a class, he/she must complete a drop form or send written request to his/her advisor. A \$10 drop fee is assessed for drops that take place after the registration period ends.

**Admissions Office Website:** <http://www.sautech.edu/studentResources/admissions.aspx>

**Course Registration Website:** <http://www.sautech.edu/studentResources/advising.aspx>

**Technical Requirements and Resources:** Students will need Internet access and have the ability to send and receive e-mail attachments using the e-mail within Blackboard.

**Library Website:** <http://www.sautech.edu/lrc/index.aspx>

**Bookstore Website:** <http://sautech.textbooktech.com>

**Adult Learner Resources:** Online library and bookstore services can be obtained at the library and bookstore websites. Advising services can be obtained at <http://www.sautech.edu/studentResources/advising.aspx>.

**Student Support and Learning Resources:** Online library and bookstore services can be obtained at the library and bookstore websites. Advising services can be obtained at <http://www.sautech.edu/studentResources/advising.aspx>.

**Other Considerations:**

Prior computer skills are essential for success in an online class. Prior to enrolling in an online class, you should be able to:

- Surf the Internet and download web pages
- E-mail and attach files and know proper e-mail etiquette
- Use Microsoft Word skills and submit papers with correct format, grammar and spelling

All first time online students are required to complete Learning Strategies before they will be allowed to take their online course(s). The purpose of Learning Strategies is to teach students how to use Blackboard and provide information about other systems that students will use while a student at SAU Tech.

There are computer programs and other things that you will need if you are taking an online course from SAU Tech. To make it easier for you, we have compiled a list of these things. Before beginning your online course, you should go ahead and make sure each of these programs listed below are loaded on every computer that you will use while taking your online course(s).

- 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 on to 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>
- 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](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://javashopl.m.sun.com/ECom/docs/Welcome.jsp?StoreId=22&PartDetailId=jre->