

**Southern Arkansas University Tech**  
P.O. Box 3499 ~ Camden, AR 71711 ~ 870-574-4453  
[www.sautech.edu](http://www.sautech.edu)

### **Online Course Information Sheet**

**Course Number:** CS1124

**Course Title:** Introduction to Data Storage

**Course Description:** This course is a survey of storing, managing, and protecting digital information. Information storage and management technologies provide a variety of solutions for storing, managing, networking, accessing, protecting, securing, sharing, and optimizing information. There is a growing need for skilled information management professionals that understand the concepts, principles, and deployment considerations across all technologies that are used for storing and managing information.

**Instructor Name:** Jill McCollum

**Instructor Bio:** Master of Science in Education from UCA; Bachelor of Science in Education from SAU; Cisco Certified Academy Instructor; Cisco Certified Network Associate (CCNA); 20+ years teaching Business and Computer Technology

**Prerequisite:** None

**Textbook Title:** *Information Storage and Management—Storing, Managing, and Protecting Digital Information*, EMC, Wiley Publishing, Inc., ISBN# 978-0-470-29421-5

**Learning Outcomes:** Upon successful completion of this course the student will achieve a minimum 70% proficiency on the following course outcomes:

1. Understand the value of data to a business
2. List the components of the Storage Systems Architecture
3. Explain information availability

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

Students are required to read the textbook materials, answer and respond to discussion questions, perform hands-on assignments, and take computer graded objective tests online. Students may post questions for the instructor on the Discussion Board or email in Black Board. Graded assignments will include comments about any imperfections.

**Methods of Testing:** Tests will be objective, formatted as True/False and multiple-choice. Tests are graded immediately upon submission by BlackBoard giving the student feedback.

**Enrollment Procedures:**

Non-degree seeking students applying for admission to SAU Tech must submit an application for admission, appropriate placement test scores or, if applicable, official college transcript(s) with proof of Composition I and Intermediate Algebra (having earned a letter grade of "C" or better).

Full-time degree seeking students and part-time degree seeking students applying for financial aid applying for admission to SAU Tech must submit an application for admission, appropriate placement test scores, immunization record (if born after 01/01/1957), high school transcript or GED scores, and official college transcript(s), if applicable. (Note: Part-time students not applying for financial aid do not have to submit immunization record.)

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 completely 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 add/drop fee is assessed for adds/drops that take place after classes start.

**Special Enrollment Issues (specialized software or equipment, access to a particular network, or similar requirements):** The textbook publisher provides data storage software that will need to be installed. The software is free with the purchase of the textbook.

**Special Attendance Requirements (student contact with instructor, proctored examinations, etc.):** The final exam must be taken at an approved proctor site. Students should not fall more than two weeks behind on assignments and should contact the instructor if there is a problem. There will be a Midterm Deadline and a Two-Week Deadline.

#### **Access to Learning Resources:**

Students will receive all required discussion materials through the Internet, links to texts, and the electronic mail with Blackboard. Students will be required to purchase the course textbook, if applicable, and Learning Resource Center access is encouraged but not required to be successful. Textbooks can be ordered online. The Bookstore number is (870) 574-4510. The Library number is (870) 574-4518.

#### **Other Considerations (writing ability, assignments/projects, time considerations, etc.):**

Students will need Internet access, Microsoft Word, Adobe Acrobat Reader, and the ability to send and receive e-mail attachments using the e-mail within Blackboard.

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 for you.

#### **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](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](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://javashop1m.sun.com/ECom/docs/Welcome.jsp?StoreId=22&PartDetailId=jre-1.5.0\\_05-oth-JPR&SiteId=JSC&TransactionId=noreg](http://javashop1m.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.*