

BUS 341 Business Information Systems

Purpose: The purpose of this course is to understand the business applications of information systems and computer applications. This includes study of software tools, hardware, network systems technology and data management.

Course Format: Business Information Systems consists of three course modules that are divided into Areas of Study. Each Area of Study has several lessons each of which includes a short video presentation (based on the reading material) and a very short quiz to help you measure your learning.



If you are taking the course as independent study it is completely self-paced but must be completed within 90 days. You can watch the video lessons and do the reading on your schedule whenever and wherever you want. All of the reading material you will need is included.

At the end of each Area of Study, you must complete a chapter test to see if you're ready to move on or have some material to review. Once you've completed the entire course, you will be required to take a final proctored exam.

Learning Objectives: Upon completion of the three sections of this course, students should be able to:

1. Define and outline the components of an information system
2. Diagram and describe the hardware components of a computer system
3. Identify and appraise common systems and application software, including operating systems
4. Summarize how the Internet, Intranet and Extranet work and differentiate between them
5. Categorize and explain the components of a telecommunications system
6. Diagram and explain decision support systems and other specialized information systems
7. Describe the process of software development and management tools used in the software development process
8. Break down why information systems use the database approach to data management
9. Evaluate the impact of information technology on society and privacy
10. Summarize the basics of programming and steps in the programming process

Course Content: As part of a cooperative arrangement this course uses material that was originally developed by Study.com. The original material has been enhanced to meet the educational standards of the college.

BUS 341.1 Hardware, Software, and the '-nets.

First Area of Study: Information Systems in Organizations

Second Area of Study: Hardware and Systems Technology

Third Area of Study: Systems Software and Application Software

Fourth Area of Study: Internet, Intranet, and Extranet

BUS 341.2 Networking, Specialization and System Development

First Area of Study: Network Systems Technology

Second Area of Study: Enterprise Business Systems

Third Area of Study: Decision Support Systems and Specialized Information Systems

Fourth Area of Study: Systems Development

BUS 341.3 Data Management, Potential Issues and Programming

First Area of Study: Data Management

Second Area of Study: Business, Social, and Ethical Implications and Issues

Third Area of Study: Introduction to Programming