

**Note:**

**Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should not be used to purchase course materials.**

## ***COURSE SYLLABUS***

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### **CSIS 320**

#### **IS HARDWARE AND SOFTWARE**

#### **COURSE DESCRIPTION**

Emphasis is placed on the role of the computer in information processing, including the design of computer hardware and operating systems, application programming, data storage, network and client/server concepts, and systems development life cycle. (Formerly BMIS 320)

#### **RATIONALE**

Information systems are made up of combinations of hardware, software, data, and communication technologies. All IT employees (whether software trainers, programmers, or database managers) benefit from having a broad understanding of the foundational concepts that surround computer systems. This course provides this essential technical foundation for CSIS students.

#### **I. PREREQUISITE**

For information regarding prerequisites for this course, please refer to the [Academic Course Catalog](#).

#### **II. REQUIRED RESOURCE PURCHASE**

Click on the following link to view the required resource(s) for the term in which you are registered: <http://bookstore.mbsdirect.net/liberty.htm>

#### **III. ADDITIONAL MATERIALS FOR LEARNING**

- A. Computer with basic audio/video output equipment
- B. Internet access (broadband recommended)
- C. Blackboard [recommended browsers](#)
- D. Microsoft Office
- E. APA formatting information:  
<http://ezproxy.liberty.edu/login?url=http://APAStyleCENTRAL.apa.org>

#### **IV. MEASURABLE LEARNING OUTCOMES**

Upon successful completion of this course, the student will be able to:

- A. Discuss the relevance of course material to a biblical worldview as related to the use of technology.
- B. Identify the parts of, and steps in building, a computer to include (but not limited to) choosing and configuring an operating system and following proper safe maintenance practices.
- C. Identify and evaluate telecommunications systems processes and function, and differentiate between a secure and an insecure computer/network system.
- D. Determine differences in operating systems and configuring them.
- E. Evaluate telecommunications systems processes and functions.
- F. Recognize the importance of safety when dealing with computer equipment.
- G. Evaluate problems encountered in everyday computer operations based on given scenarios/troubleshooting symptoms.
- H. Describe good communication skills and professional behavior expected in a call center environment.

**V. COURSE REQUIREMENTS AND ASSIGNMENTS**

- A. Textbook readings and presentations
- B. Course Requirements Checklist

After reading the Syllabus and [Student Expectations](#), the student will complete the related checklist found in Module/Week 1.

- C. Discussion Board Forums (8)

The student will complete 8 Discussion Board Forums during this course. The purpose of Discussion Board Forums is to generate interaction among students in regard to relevant course topics. The student is required to post 1 thread of at least 250 words and 2 replies of at least 100 words each. For each thread and reply, the student should support his/her assertions with at least 1 citation in APA format. Acceptable sources include the textbook, websites, and the Bible. Threads for Discussion Board Forums 1–7 are due by 11:59 p.m. (ET) on Friday of the assigned module/week; replies are due by 11:59 p.m. (ET) on Monday of the same module/week. The thread for Discussion Board Forum 8 is due by 11:59 p.m. (ET) on Thursday of Module/Week 8; replies are due by 11:59 p.m. (ET) on Friday of the same module/week.

- D. Research Papers (2)

The student will complete 2 research papers. For each paper, the student will write a 5–8-page paper on the topic. Each paper must be supported by at least 5 reputable sources and citations in APA format and is due by 11:59 p.m. (ET) on Monday of the assigned module/week.

E. Quizzes (4)

The student will complete 4 quizzes based on the textbook readings. Each quiz has 25 questions and must be completed in 20 minutes. Quizzes are due by 11:59 p.m. (ET) on Monday of the assigned module/week.

F. Tests (3)

The student will complete 3 tests based on textbook readings and presentations. Each test has 50 questions and must be completed in 1 hour. Tests 1 and 2 are due by 11:59 p.m. (ET) on Monday of the assigned module/week. Test 3 is due by 11:59 p.m. (ET) on Friday of Module/Week 8.

**VI. COURSE GRADING AND POLICIES**

A. Points

Course Requirements Checklist	10
Discussion Board Forums (8 at 25 pts ea)	200
Research Papers (2 at 125 pts ea)	250
Quizzes (4 at 25 pts ea)	100
Tests (3 at 150 pts ea)	450
<b>Total</b>	<b>1010</b>

B. Scale

A = 900–1010 B = 800–899 C = 700–799 D = 600–699 F = 0–599

C. Disability Assistance

Students with a documented disability may contact Liberty University Online’s Office of Disability Academic Support (ODAS) at [LUOODAS@liberty.edu](mailto:LUOODAS@liberty.edu) to make arrangements for academic accommodations. Further information can be found at [www.liberty.edu/disabilitysupport](http://www.liberty.edu/disabilitysupport).

## ***COURSE SCHEDULE***

### **CSIS 320**

Textbook: Andrews, Dark, & West, *CompTIA A+ Guide to IT Technical Support* (2017).

<b>MODULE/ WEEK</b>	<b>READING &amp; STUDY</b>	<b>ASSIGNMENTS</b>	<b>POINTS</b>
<b>1</b>	Andrews et al.: chs. 1 and 2 1 presentation	Course Requirements Checklist	10
		Class Introductions	0
		DB Forum 1	25
		Quiz 1	25
<b>2</b>	Andrews et al.: ch. 3 1 presentation	DB Forum 2	25
		Research Paper 1	125
		Quiz 2	25
<b>3</b>	Andrews et al.: ch. 4 1 presentation	DB Forum 3	25
		Test 1	150
<b>4</b>	Andrews et al.: ch. 9 1 presentation	DB Forum 4	25
		Quiz 3	25
<b>5</b>	Andrews et al.: ch. 19 1 presentation	DB Forum 5	25
		Test 2	150
<b>6</b>	Andrews et al.: ch. 8 1 presentation	DB Forum 6	25
		Quiz 4	25
<b>7</b>	Andrews et al.: ch. 18 1 presentation	DB Forum 7	25
		Research Paper 2	125
<b>8</b>	Andrews et al.: ch. 12 1 presentation	DB Forum 8	25
		Test 3	150
<b>TOTAL</b>			<b>1010</b>

DB = Discussion Board

**NOTE:** Each course module/week (except Module/Week 1) begins on Tuesday morning at 12:00 a.m. (ET) and ends on Monday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.