

I. COURSE INFORMATION

- A. Computer Science 100 Computer Concepts and Applications
- B. 3 credit hours
- C. Vermatt, Sebok, Freund, Campbell, and Frydenberg. *Discovering Computers 2018: Digital Technology, Data and Devices*. 1st ed. Boston: Cengage, 2018
- D. Prerequisites: None
- E. KRSN: CSC 1010 Computer Concepts and Applications

The learning outcomes and competencies detailed in this course outline or syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups project for this course as approved by the Kansas Board of Regents.

II. COURSE DESCRIPTION

This course covers the essentials of computer capabilities. The course will develop computer literacy and assist students in developing an awareness of various software programs and computer capabilities.

III. LEARNING OUTCOMES

- A. Understand and Identify the specifications and configurations of computer hardware
- B. Identify the role of an operating system
- C. Use the Internet to find information and determine its credibility
- D. Use word processing software to create, edit, and produce professional documents
- E. Create spreadsheets and charts for problem-solving
- F. Utilize a database
- G. Use presentation software to create, edit, and produce professional presentations
- H. Identify the ethical and social standards of conduct regarding the use of information and technology
- I. Identify security threats and solutions

IV. MAJOR CONTENT AREAS

- A. Computer hardware components
- B. Operating system functions
- C. Software utilization
- D. Internet usage, ethical conduct, and security

I. ASSIGNMENTS (may include but are not limited to)

- A. Chapter exams
- B. Discussions on topics relating to computer usage
- C. Identification assignments of hardware and software components

II. EVALUATION METHODS (may include but are not limited to)

- A. Attendance and participation
- B. Assignments
- C. Exams
- D. Comprehensive final