



Syllabus

CSC 100 Computing in the Information Age

General Information

Date

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Author

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Department

Computing Sciences

Course Prefix

CSC

Course Number

100

Course Title

Computing in the Information Age

Course Information

Credit Hours

3

Lecture Contact Hours

3

Lab Contact Hours

0

Other Contact Hours

0

Catalog Description

This course will prepare the student to use computers and technology in attaining solutions to issues they face in the information society of today. Students are guided through the latest developments in computer concepts, technology, and emerging issues. The course content includes presentation and hands-on practice activities that support the concepts presented. Internet applications (on the WWW) are also practiced and students use a software suite which includes word processing, spreadsheet, database, and presentation software to demonstrate skills.

(Will not carry CSC credit for A.A.S. Information Technology, A.S. Information Systems, or A.S. Computer Science degrees).

Key Assessment

This course does not contain a Key Assessment for any programs

Prerequisites

None

Co-requisites

None

Grading Scheme

Letter

First Year Experience/Capstone Designation

This course **DOES NOT** satisfy the outcomes applicable for status as a FYE or Capstone.

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category

None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

None

Course Learning Outcomes

Course Learning Outcomes

1. Identify and use appropriate technology, including computer and multimedia resources and the WWW, to address a variety of tasks and problems
2. Execute tasks and understand concepts of software packages
3. Use information-seeking strategies necessary to access information efficiently, effectively, and ethically using a variety of technological sources and techniques

Outline of Topics Covered

- I. Why Computers Matter to You: Becoming Computer Literate
 - a. Becoming a savvy computer user
 - b. Computers in today's careers
 - c. Challenges in a Digital Society

II. Using the Internet: Making the Most of the Web's Resources

- a. Definition
- b. E-mail and other Communication Apps on-line
- c. Web entertainment
- d. E-Commerce
- e. Searching the Web
- f. Connecting to the Internet

III. Understanding and Assessing Hardware: Evaluating Your System

- a. Evaluating a desktop or notebook computer
- b. Assessing your hardware (including CPU, RAM, hard drives, portable storage, audio devices, ports)
- c. System Reliability

IV. Networking and Security: Connecting Computers and Keeping Them Safe from Hackers and Viruses

- a. Fundamentals defined
- b. Components
- c. Computer threats
- d. Computer Safeguards

V. Computer Software and Applications

Windows based

- a. Word Processing (Microsoft Word)
- b. Spreadsheets (Microsoft Excel)
- c. Presentations (Microsoft PowerPoint)
- d. Databases (Microsoft Access)