

# Cybersecurity

**CS 101**

**INTRODUCTION TO COMPUTER SCIENCE**

**Fall 2022**

Students receive an introduction to computers for a one semester transfer course or for certificates or a degree in CSIT. Topics include computers, programming and systems design, programming languages, and flowcharting. Laboratory includes word processing, spreadsheets, database concepts, and extensive programming in Visual Basic.

Transfer Credit: CSU (CSUGE Area D), UC

**CIS 212**

**A+ CERTIFICATION PREPARATION- HARDWARE**

**Spring 2023**

Students learn technology of computer hardware such as microprocessor, RAM, UEFI/BIOS/CMOS, motherboard, power supply, HDD, optical drive, video, sound, and I/O devices; how these form a working system; basics of networking; simple troubleshooting of PC systems; and features and troubleshooting of portable computers and mobile devices. This course is one of two courses on the computer systems and technologies to prepare students for CompTIA A+ certification exams.

Transfer Credit: CSU

**CIS 213**

**A+ CERTIFICATION PREPARATION- SOFTWARE**

**Summer 2023**

Students learn technology of Microsoft Windows operating systems; installation, troubleshooting and maintenance of Windows; computer security strategies; documentation; networking and securing/sharing Windows resources; virtualization and cloud computing; macOS; Linux; Scripting; printer technologies; and customer service. This course is one of two courses on the computer systems and technologies to prepare students for CompTIA A+ certification exams.

Transfer Credit: CSU

**For more info, please contact:**

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