

# COMPUTERS GENERAL STUDIES (CGS)

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## **CGS 1000 Exploring Digital Technology**

**Credit Hours:** 3

**Lab Fee:** Yes

Formerly titled: Introduction to Computers, this course surveys the capabilities of digital computers and related interfaces. The student is presented with an overview of the software and hardware that make up a system. Topics include introduction to the Internet, application software, computer components, methods used in software development, operating systems, numbering systems, networking and communications, security, and other related subjects.

## **CGS 1555 Introduction to the Internet**

**Credit Hours:** 3

**Lab Fee:** Yes

Introductory course. Topics covered include navigation of the Internet and World Wide Web, research fundamentals, browser use, mailing lists and newsreaders, security issues, email, FTP and Telnet, basics of electronic commerce, and HTML.

## **CGS 1871 Multimedia Presentations**

**Credit Hours:** 3

**Lab Fee:** Yes

Introduction to the application of commercial presentation programs and authoring software for personal computers. Topics for multimedia include sound, animation, still images, text, video and HTML.

## **CGS 2100 Microcomputer Applications**

**Credit Hours:** 3

**Lab Fee:** Yes

This course is an introduction to an application software suite commercially available for computers. Topics include managing files in current OSs (Operating Systems), word processing, spreadsheets, databases, and presentation software.

## **CGS 2571 Microcomputer Applications-Advanced**

**Credit Hours:** 3

**Prerequisites:** CGS 2100 with a grade of "C" or higher

**Lab Fee:** Yes

This course is a continuation of CGS 2100 covering advanced topics in word processing, spreadsheets, databases, and presentation software.

## **CGS 2941 Internship**

**Credit Hours:** 1-3

**Prerequisites:** Complete two courses in major field

**Lab Fee:** Yes

Introduce basic principles of their field of study to provide an opportunity for students to develop appropriate attitudes and skills needed for successful employment and to establish an effective partnership between the student and cooperating employer. This course may be taken up to two times for credit.

## **CGS 2948 Service-Learning Field Studies 1**

**Credit Hours:** 1

This course gives the student the opportunity to understand the relationship of theory to practice through participation in a service-learning experience. Students are required to complete 20 hours of volunteer work, a service-learning contract, and an oral and written reflection of the experience.