

# UNION COUNTY COLLEGE MASTER COURSE SYLLABUS

COURSE NUMBER & NAME: CST 298 Special Topics in Computer Science and Technology

LECTURE/LAB HOURS: 3 lecture hours

CREDITS: 3

PREREQUISITES: permission of Division Dean's office

## COURSE DESCRIPTION:

Topics of current interest and trends in computer programming are discussed in this seminar course. Course content is arranged to satisfy the particular needs and interests of students. The course is intended for students who are completing their degree in Computer Science.

## COURSE LEARNING OUTCOMES:

To provide an opportunity for advanced students to further their interest in computer science/computer information systems and to explore new relevant topics.

## COURSE MATERIALS:

This will vary with the topic

## COURSE REQUIREMENTS

To enforce course objectives, all students in this course will be expected to complete homework assignments, complete programming projects, and successfully complete examinations.

An essential element of this course includes information literacy. "Information Literacy" is the evaluation and assessment of integrated information. An understanding of its ramifications and implications through the critical use of information literacy will be discussed. Students will be able to locate, discern, and effectively use information to solve issues and/or problems.

Union County College does not discriminate and prohibits discrimination, as required by state and/or federal law, in all programs and activities, including employment and access to its career and technical programs.

## Experiential Learning:

Students must complete an experiential learning activity that connects course content to career applications. This activity may be a content specific assignment or practical skill that is applied within a course assignment. This assignment supports the general education learning outcomes of scientific/critical thinking and quantitative reasoning; oral and written communication; and information literacy/technological competency.

## Americans with Disabilities Act (ADA):

Union County College offers reasonable accommodations and/or services to persons with disabilities. Any student who has a documented disability and wishes to self-identify should contact the Coordinator of Disability Support Services at (908) 709-7164, or email [disabilitysvc@ucc.edu](mailto:disabilitysvc@ucc.edu). Accommodations are individualized and in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1992. In order to receive accommodations, students must be registered with Disability Support Services. Students

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should register with the office as soon as possible. Accommodations are not official until the Faculty Accommodations Alert Form(s) are issued from the student to his/her instructor(s).

## Family Educational Rights and Privacy Act (FERPA):

The FERPA Statement can be found at <https://www.ucc.edu/admissions/the-family-education-rights-and-privacy-act/>

## EVALUATION METHODS

### Grading Procedures

Research paper/Research Project

### Grading:

A	90 or above	C	70-76
B+	87-89	D+	67-69
B	80-86	D	60-66
C+	77-79	F	below 60

### NOTE

The instructor reserves the right to modify the course requirements, assignments, grading procedures and other related policies as circumstances may dictate.

\*\*\*\*STUDENTS WITH PHYSICAL LEARNING DISABILITIES\*\*\*\*

Any student with special needs that will affect performance in this class should feel free to make an appointment to talk with the instructor during office hours (or by appointment) or contact the disabilities counselor in the Counseling office on the Cranford Campus.

## SUGGESTED TEACHING METHODOLOGIES

- Lecture, group discussion, presentations, multimedia/technology, projects, experiments, demonstrations, etc.
- Indication of the percentages or emphasis given to teaching methodologies used will assist faculty members in course preparation and implementation.

**CLASS SCHEDULE**—dependent upon special topic chosen

## CORRELATION OF PROGRAM OUTCOMES, STUDENT OUTCOMES, AND ASSESSMENT

Dependent upon special topic chosen