

SYLLABUS
Tulsa Community College, Southeast Campus
Fall, 2010

Course: CSCI 2843 Introduction to C++
Tuesday evenings, 6:00 - 8:50 CRN# 14094 Section No.: 302

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**TO CONTACT YOUR
INSTRUCTOR:**

Academic and Campus Services
operations, SE
Office: SE 2202
Phone: 918-595-7673

**TO CONTACT THE DIVISION
OFFICE:**

Division Name: Business and
Information Technology
Division Associate Dean: Rick Roach
Office SE 4112
Phone: 918-595-7639

PREREQUISITE FOR THIS COURSE

CSC 2473 (Introduction to C) or instructor approval

COURSE DESCRIPTION

Programming techniques in object-oriented programming, including data abstraction, inheritance, polymorphism, and dynamic object creation. Emphasis will be placed on the reusability of objects and the focus on object concepts as they deal with future program maintenance. Lecture 2 hours. Laboratory 2 hours.

TEXTBOOKS & SUPPLEMENTAL MATERIAL

Required: *C++ How to Program*, 7th Edition, Deitel and Deitel
Optional: *C++ The Complete Reference*, 3rd Edition, Herbert Schildt

GENERAL EDUCATION GOAL STATEMENT

The General Education Goals are designed to ensure that graduates of Tulsa Community College have the skills knowledge, and attributes to carry them successfully through their work and their personal lives. General Education Goals relevant to this course include: Critical Thinking, Computer Proficiency

COURSE OBJECTIVES

To provide students with a thorough knowledge of object-oriented programming and an introduction to generic programming using C++ as the target language.

TEACHING METHODS

Lecture, sample programs, reading assignments, whiteboard and projector presentations. One to two hours lab per class, depending on assignment type and complexity.

ADA POLICY

STUDENTS WITH SPECIAL NEEDS: Students with documented disabilities are provided academic accommodations through the disabled Student Resource Center (918595-7115) or Resource Center for the Deaf and Hard of Hearing (918-595-7428)/TDD-TTY(918-595-7434). If any student is in need of academic accommodations from either office, it is the student's responsibility to advise the instructor so an appropriate referral can be made no later than the first week of class. Students may also contact the disabled Student Resource Center directly at the telephone numbers indicated.

ACADEMIC ACCOMMODATIONS WILL NOT BE PROVIDED UNLESS APPROPRIATE DOCUMENTATION IS PROVIDED TO THE DISABLED STUDENT RESOURCE CENTER TO SUPPORT THEIR NEED.

EVALUATION TECHNIQUES

The course will be evaluated as follows:

- 6 programming assignments @ 100 points each = 600 points
- 2 exams @200 points each = 400 points

Total possible points for semester: 1000

	Points	%
<u>GRADING SCALE:</u>	A 900 - 1000	90 - 100
	B 800 - 899	80 - 89
	C 700 - 799	70 - 79
	D 600 - 699	60 - 69
	F below 600	below 60

MAKE-UP AND LATE ASSIGNMENT POLICY

Assignments turned in after the due date, but before the next class, will have 10% deducted from the resulting grade. Assignments will not be accepted any later. Make-up exams are given only when the student has been excused BEFORE the absence. Contact the instructor in person, by email, or voice-mail if necessary to obtain an excused absence from an exam. Any make-up exams will be scheduled on an as needed basis.

ATTENDANCE

Students are expected to attend all classes. Material is provided in class that is not found in the text. A student missing a class is responsible for getting notes and assignments from the class web site or another class member.

INSTITUTIONAL STATEMENT

Each student is responsible for being aware of the information contained in the TCC catalog, TCC Student Handbook, TCC Student Code of Conduct Policy Handbook, and semester information listed in the Class Schedule.

FAILURE TO WITHDRAW POLICY

Failure to withdraw may result in the student receiving a regular grade of "F" at the end of the semester.

PLAGIARISM POLICY

Plagiarism is claiming, indicating, or implying that the ideas, sentences, or words of another writer are your own; it includes having another writer do work claimed to be your own, copying the work of another and presenting it as your own, or following the work of another as a guide to ideas and expression that are then presented as your own. The student should review the relevant sections of the *TCC Student Code of Conduct Policy Handbook*.

ACADEMIC DISHONESTY OR MISCONDUCT

Academic dishonesty or misconduct is not condoned nor tolerated at campuses within the Tulsa Community College system. Academic dishonesty is behavior in which a deliberately fraudulent misrepresentation is employed in an attempt to gain undeserved intellectual credit, either for oneself or for another. Academic misconduct is behavior that results in intellectual advantage obtained by violating specific standards, but without deliberate intent or use of fraudulent means. The student should review the relevant sections of the *TCC Student Code of Conduct Policy Handbook*.

COMPUTER SERVICES ACCEPTABLE USE

Access to computing resources is a privilege granted to all TCC faculty, staff, and students. Use of TCC computing resources is limited to purposes related to the College's mission of education, research, and community service. Student use of technology is governed by the Computer Services Acceptable Use Statements/Standards found in the *TCC Student Code of Conduct Policy Handbook*. These handbooks may be obtained by contacting any Student Activities or Dean of Student Services office.

CLASSROOM ETIQUETTE

Be sure that all cell phones and personal electronic devices are muted or off during class. If there is an emergency, you may take a call outside the classroom. Anyone with a cell-phone or other personal electronic device out in class will be asked to leave with a possible reduction in grade.

The computers in the classroom are to be used for viewing lecture notes, in-class assignments or research as authorized by the instructor, and taking notes in accordance with the ADA policy, otherwise it is suggested that you use paper with pencil/pen for notes.

There will be no other usage of computers, cell-phones, or any electronic devices allowed during lectures. This includes, but is not limited to web-surfing (in general), personal email, Facebook, iTunes, BitTorrent, Instant Messaging of any kind, etc...

If you need to work on an assignment, please work on it at home, in the lab, before or after class, or on breaks, but not during lecture. If you need my assistance at campus, we will allocate time each class to work on assignments or make special arrangements.

TENTATIVE SCHEDULE OF ACTIVITIES

The calendar for the semester may be found on the class internet site.