CSC 123 – Introduction to Computer Science and Programming II
Fall 2016

Instructor	G. Poppe	**E-Mail**	gpoppe@csudh.edu
Classroom	SAC-2102	**Class Time**	Class: TuTh 10:00AM-11:15AM Labs: TuTh 11:30AM-1:15PM
Office	Lib-5717	**Office Hours**	Tue 5:45PM-6:45PM
Phone	(310) 243-3398	**URL**	http://csc.csudh.edu

CATALOG DESCRIPTION:

Continuation of CSC 121. Fundamental programming concepts using arrays, records, pointers, linked lists, trees and recursion. Good style, documentation and structure will be emphasized. Introduction to analysis of algorithms for efficiency and correctness. introduction to Secure Coding concepts and Practices.

PRE-REQUISITES

Grade of C, or better, in CSC121

TEXTBOOK

Java Programming: From the Ground Up
Authors: Baravaco and Simonson
Publisher: McGraw-Hill
ISBN-13: 978-0-07-352335-4, Copyright 2010; 1st Edition

REFERENCE:

TBA

COURSE GOALS:

- Have a more in-depth understanding of computer hardware and operating systems
- Be familiar with object oriented programming and know how to create OO programs
- Be able to create and use various iterative structures and control statements
- Have a more in-depth understanding of Boolean expressions
- Be able to construct more complex algorithms and evaluate their efficiency
- Be familiar with elementary data structures and algorithms used to access them
- Write more substantial programs using the Java programming language
- Understanding the goals and objectives of Secure Coding Practices and Procedures

SPECIFIC INSTRUCTIONAL GOALS:

The purpose of the course is to provide the student with the knowledge to pass the CompTIA A+ certification.

ATTENDANCE:

Students are expected and encouraged to attend lectures and contribute to discussions. It is the student's responsibility to contact the instructor as early as possible if he/she cannot attend class. There will be no make-up opportunities, although all classes will have companion videos available on line.
The student is responsible for materials missed during an absence, whether excused or not. Classes will start at the prescribed time and will end at the prescribed time. Instructor will be available during the posted office hours and you may make an appointment for times not posted.

GRADING BREAKDOWN:

Test #1	20%
Test #2	20%
Final Exam	25%
Homework/quizzes	15%
Labs	20%

Evaluation criteria explained:

- Students are expected to be active participants in each class meeting. Full credit for participation will be extended to students who regularly ask questions, share observations, and contribute relevant personal experiences.
- The mid-term examination will consist of objective questions and will require a technological comprehension that covers the lecture material and assigned readings.
    The assignments will consist of a number of individual in class and homework tasks.

Students will be given specific guidance on the amount of collaboration permitted for each assignment. Unless otherwise specified, all assignments are individual assignments, and thus must be completely the original work of the student submitting them and include proper citations to the published work of others.

Quizzes:

Quizzes may be given throughout the semester, at a rate of approximately 1 per chapter. Quizzes will always cover the material covered since the last Quiz or Exam. The quizzes will be combinations of objective and short-answer questions. Quizzes will be administered online via Blackboard. Makeup quizzes will not be given. However, the lowest quiz grade will be dropped. Any class material missed by the student is the student's responsibility to acquire.

GRADING SCALE:

96-100 = A   90-95 = A-   87-89 = B+   83-86 = B   80-82= B-
77-79= C+   73-76= C   70-72= C-   67-69 = D+   63-66= D   below 60 = F

GENERAL POLICIES:

ACADEMIC HONOR CODE

Programming assignments must be done individually. Failure to do so will result in a violation of the CSUDH Academic Honor Code. The following cases will be considered as violations: identical code, and extremely similar code. Violations will be reported to the Office of Vice President of Academic Affairs. Disciplinary action will be taken against any student who alone or with others engages in any act of academic fraud or deceit (Read University Regulations in University Catalog). It is the student's responsibility to ensure they fully understand to what extent they may collaborate or discuss content with other students. No exam work may be performed with the assistance of others or outside material unless specifically instructed as permissible. If an exam or assignment is designated "no outside assistance" this includes, but is not limited to, peers, books, publications, the Internet and the WWW. If a student is instructed to provide citations for sources, proper use of citation support is expected.

ATTENDANCE POLICY

Excessive absences will result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or in assignment of a grade of "F". Absences are accumulated beginning with the first day of class.

STUDENT ACADEMIC APPEALS PROCESS

Authority and responsibility for assigning grades to students' rests with the faculty. However, in those instances where students believe that miscommunication, error, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.

ADA STATEMENT

Students with disabilities, who believe they may need an academic adjustment in this class, are encouraged to contact me as soon as possible to better ensure receipt of timely adjustments.