CSC 111: Introduction to Computers and Basic Programming  
<Fall 2008>

<table>
<thead>
<tr>
<th>Instructor</th>
<th>M. Suchenek</th>
<th>E-Mail</th>
<th><a href="mailto:suchenek@csudh.edu">suchenek@csudh.edu</a></th>
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</thead>
<tbody>
<tr>
<td>Classroom</td>
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<td>Class Time</td>
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<tr>
<td>Office</td>
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<td>Office Hours</td>
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<tr>
<td>Phone</td>
<td>(310) 243-3398</td>
<td>URL</td>
<td><a href="http://csc.csudh.edu">http://csc.csudh.edu</a></td>
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CATALOG DESCRIPTION: Introduction to computer programming with particular emphasis on small systems through programming in the BASIC language.

PRE-REQUISITE: none

PREREQUISITES BY TOPIC: none


REFERENCE: TBS

COURSE GOALS
An introduction to computers and programming with particular emphasis on small systems through programming in the Visual Basic.

COURSE OUTCOMES:
Upon completion of this course, the student will be able to have a general understanding of a contemporary computer and working knowledge of programming language Visual BASIC. Other particular objectives are listed in the textbook at the beginning of each covered chapter

ATTENDANCE: 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.

Quizzes, tests, and final
There will be a number of surprise quizzes, two tests, and final examination. Quizzes will consist of up to three simple questions each. Tests and final will require more elaborate solutions, like (for instance,
but not limited to) problem solving, explanation of programming constructs, writing a program or a fragment of a program, analysis of a code, an essay on computer and programming concepts.

**GRADING BREAKDOWN:**

<table>
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<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework and programs</td>
<td>15%</td>
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<tr>
<td>Quizzes</td>
<td>10%</td>
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<tr>
<td>Tests</td>
<td>40% (20% each)</td>
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<tr>
<td>Final</td>
<td>35%</td>
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**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.

**ATTENDANCE POLICY**

Class attendance is obligatory even if roll is not called. Those absent or late may lose credit and miss assignments. It is student’s sole responsibility to find out what was covered and assigned during the classes he/she missed.

**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.

**DEFINITION OF CHEATING AND PLAGIARISM**
CSUDH is dedicated to a high standard of academic integrity among its faculty and students. In becoming part of the California State University academic community, students are responsible for honesty and independent effort. 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)
COURSE OUTLINE

Week 1 – 2 Intro to computers, binary arithmetic, directories, files, compilers and interpreters. Readings:
http://scholar.hw.ac.uk/site/computing/topic15.asp?outline=
http://www2.cs.uregina.ca/~rbm/cs100/notes/binary/binary.html
http://cs.furman.edu/digitaldomain/more/binary/bin3.html


Week 4 Introductory graphics. Readings: Chap. 3.

Week 5 Variables and calculations. Readings: Chap. 4.
Double (IEEE-754 1985 Standard)
http://www.artima.com/underthehood/floating.html

Week 6 – 7 Methods and arguments. Readings: Chap. 5.
TEST 1 - Covers all material up to (and including) Chap. 4.

Week 8 Using objects & Conditions and selections. Readings: Chap. 6 - 7.

TEST 2 - Covers Chap. 5 thru 8.

Week 12 Writing classes. Readings: Chap. 10.


Week 15 Strings. Readings: Chap. 16.
FINAL - Comprehensive (covers all material)