COP-1220 Programming in C
Course Syllabus - 3 Credits
Fall 2013

Instructor: Cameron Spears, Ph.D.
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Office Location: DTEC 405
Office Hours: Please see Office Hours link in MyHCC.

COURSE DESCRIPTION

An introductory course in programming in C. Emphasis is placed on the basic input/output functions of C utilizing an interactive environment. Programming style and methodology are stressed throughout utilizing top-down design and structured programming concepts. **Prerequisite: CGS-1000; Pre- or Co-requisite: COP-1000.**

Last Day to Withdraw Without Grade Consideration: 10/26/13

TEXTBOOK

The following <u>required</u> textbook is available in the College's Dale Mabry Bookstore:

Hanly & Koffman, *Problem Solving and Program Design in C, Seventh Ed.* Pearson, 2013, ISBN 9780132936491.

Supplemental Requirements:

You will need a C compiler. We'll discuss options for this in class.

COURSE OUTCOMES

Programming in "C" is a course designed to introduce you to programming using the C programming language. The student will understand and apply the concepts of:

- Variables, relational expressions and assignments.
- Assignment operators.
- Control statements, including branching loops.
- Character and arithmetic data types.
- Arrays, strings, and functions using pointers.
- Recursion.
- Input/output and related functions.

DEPARTMENT OPEN LAB

Computers are located in the Open Lab in DTEC 462. Lab hours are:

Monday-Thursday	8:00am to 10:00pm
Friday	8:00am to 4:30pm
Saturday	8:00am to 2:30pm

ACADEMIC POLICIES

All assignments, discussion boards, and projects should be completed using proper grammar, punctuation, and spelling.

ACADEMIC INTEGRITY

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. **All assignments, projects, and exams must be done on your own.** Academic dishonesty includes not only cheating, fabrication, and plagiarism, but also includes helping other students commit acts of academic dishonesty by allowing them to obtain copies of your work. You are allowed to use the Web for reference purposes, but you must cite the Web address and source. In short, all submitted work must be your own.

Be aware that submitting another student's work/assignment(s) for yours is unacceptable and a violation of the Student Code of Conduct. Such incidents will be referred to the Dean of Student Services for disciplinary action.

Any student who submits an assignment from another current or past student will receive a grade of "F" for the course. (Stating that "we worked on the assignment together" is not an excuse for violating this policy—the result will still be an "F" for the course.)

In cases where the student submits the work of a currently enrolled student in a course taught by this instructor, the student who permitted the submission of the course work will also receive a grade of "F" for the course.

TESTING
Each student is to complete the required exams without the assistance of another individual. Any student who permits another student to complete an exam or has assistance from another individual (student or non-student) will receive a grade of F for the course.

PLAGIARISM
Remember, this is an academic environment. **The act of plagiarism will not be tolerated. Follow the simple guidelines:**

1. If you use content from a website in an assignment, include the citation for the content.
2. The act of copying/cutting and pasting Web-based text or any other electronic based media without appropriate citation will be an act of plagiarism.
3. Any acts of plagiarism will result in a grade of "F" for the entire course and will be referred to the Dean of Student Services for disciplinary action.

COMMUNICATION
Communication between the instructor and students is a critical success factor for students. You are to **use your MyHCC email to send messages to the instructor**. A response to your email will be received in 48 hours or less.

ASSESSMENT METHODOLOGIES

Assessment of student comprehension of the chapter concepts is demonstrated with completion of chapter quizzes, chapter exams, as well as hands-on programming assignments. Programming assignments are to be completed and uploaded to the appropriate assignment drop boxes.

TURNING IN YOUR ASSIGNMENTS
1. All assignments are due on or before the dates indicated in the course schedule. STUDENTS ARE STRONGLY URGED TO TURN IN ASSIGNMENTS AT LEAST ONE DAY BEFORE THEY ARE DUE (this provides a buffer in case of computer/network/login or other issues—issues of this nature are not excuses for missing assignment, quiz, or exam deadlines).
2. Assignments MUST be submitted using their individual assignment drop boxes (found under the "Assignments" link).
3. Emailed assignments will NOT be accepted—to be considered for grading assignments MUST be submitted using the assignment drop boxes.
4. Each week's assignment MUST be submitted as a SINGLE Microsoft Word document (RTF is also OK). This document will contain, in assigned order, your responses to the assigned exercises for the week.

5. This single Microsoft Word document must include the following:
   - Your NAME must appear in the document.
   - Your NAME must be included as part of the file's name (for example, a student named Jane Smith might submit a file called, *"Jane Smith Chapter 4.docx"*).
   - Each EXERCISE must be clearly labeled (for example, *"Chapter 4, Hands-On Project 4-5"*).
   - All SOURCE CODE for the exercise. Please format this source code using the **Courier New** font in Word. Also, format the paragraphs to remove extra vertical white space.
   - Include SCREEN CAPTURES of your program's output. Capture only the command prompt window, not your entire desktop. Include as many screen captures as necessary to show your program's operation.
6. Assignments must meet **all** of the above criteria to be graded--out of compliance assignments will not be graded and will earn no points.

LATE ASSIGNMENT POLICY
Although you are expected to submit all assignments on time, there are times that unforeseen circumstances may prevent you from doing so. Therefore, two late assignment drop boxes are available. *These may be used to submit a maximum of TWO assignments. Assignments submitted via the late assignment drop boxes will have their scores reduced by 20% after grading. Except as provided for by the two late assignment drop boxes discussed above, LATE ASSIGNMENTS WILL NOT BE ACCEPTED.*

 No missed exams will be rescheduled except in the case of extreme, documented circumstances.

GRADING
Points are earned by successfully completing assigned exercises, quizzes, and exams. The point values associated with each item, as well as the number of items in the term, are shown in the table below.

	Qty	Pts Each	Total Pts
Assignments	10	100	1000
Quizzes	10	100	1000
Exams	4	100	400
Total			2400

Course letter grades are based on the total number of points earned in the semester. Course letter grades will be based on the table below.

From	To	Grade
2160	2400	A
1920	2159	B
1680	1919	C
1440	1679	D
0	1439	F

ATTENDANCE
Attendance is a sign of your commitment to your education and future. Students who have excessive absences from class will find it difficult to complete the course requirements.
Online Classroom (Distance Learning or elearning) Student Requirements:
- Students must log into the MyHCC course at least once per week or risk being dropped or receiving an FX grade for non-attendance.

- Student course participation is defined as timely submission of assignments and completion of other course requirements.

Campus Classroom Student Requirements:

Students are expected to attend all class sessions. Class attendance is taken at the beginning of the class period. It is the student's responsibility to make sure that he or she has been marked present during attendance. If you arrive after attendance has been taken you are ABSENT on the attendance roster and it is your responsibility to see the instructor <u>on that day</u> to ensure that you have been marked present. Students are expected to arrive to class at the designated class start time and remain until class is dismissed. It is disruptive to the educational process for students to arrive late or leave early. If you have a need to arrive late or leave early, you are **required to speak with the instructor** concerning the need. **Late arrivals and early departures each count as one-half of an absence, i.e., two late arrivals equals one absence and two late departures equals one absence.**

Absences:

- **Courses that meet once a week:** Students are permitted **two** absences for the semester. Students must notify the instructor via email of the absence.
- **Courses that meet twice a week:** Students are permitted **three** absences for the semester. Students must notify the instructor via email of the absence.

==**Students exceeding the permitted number of absences shown above will have their course letter grade reduced by *one full letter grade* (an A will become a B, a B will become a C, and so on). Students who exceed these absence thresholds may be denied access to MyHCC and/or receive a final grade of "FX" (failure for non-attendance).**==

CLASSROOM POLICIES

All students are expected to follow the Student Code of Conduct and the guidelines set forth in the College's Acceptable Use policy.

1. Please note that computers are to be used only for official course purposes. Use of computers for general web surfing, email, Facebook, etc. is not allowed. Violation of this policy will result in a grade deduction of one full letter grade for the final course grade for each incident and possible loss of computer privileges.
2. The use of electronic devices (cell phones, pagers, etc.) during instructional time is strictly forbidden.
3. All personal electronic devices are to be turned off and stored during the class period.
4. Students identified using or viewing the devices during class time will be asked to leave the classroom for that day.
5. Food and drink items are prohibited in the classroom. Students who bring these items into the classroom may be dismissed from class for that day.
6. If you miss a lecture or arrive late, you are responsible for the material presented, any handouts distributed, and any announcements made that day. The instructor will not provide notes for missed classes.

REQUEST FOR ACCOMMODATION

Any student whose disability falls within the American Disabilities Act (ADA) and requires accommodations should contact the Office of Services for Students with Disabilities. The Dale Mabry office is located in the Student Service Building Room 204 (DSTU 204). You may also reach the office by phone at (813) 259-6035 or (813) 253-7035 {TTD}. Requests for accommodations must be submitted to the instructor, in writing, during the first two weeks of the course.