

# COP 3223 – C Programming Spring 2009 - Syllabus

**Course Prerequisites:** none

**Class Meets:** Monday, Wednesday and Friday from 10:30 am – 11:20 am in HPA 119

**Instructor:** Dr. Mark Llewellyn

**Office:** HEC 236

**Office Hours:** Monday & Wednesday: 1:30 – 2:30pm  
Tuesday & Thursday: 1:00 – 3:00pm

**Phone:** 407-823-2790 (voice mail available)

**E-mail:** [markl@cs.ucf.edu](mailto:markl@cs.ucf.edu)

**Course Web Site:** [www.cs.ucf.edu/courses/cop3223/spr2009/section1](http://www.cs.ucf.edu/courses/cop3223/spr2009/section1)

## Course Description:

This course will introduce you to the C programming language. We cover basic C statements and operations as well as advanced topics dealing with pointers, functions, file I/O and basic data structures. The course is designed for students who have never written computer programs.

**Texts:** The following text has been selected for this course:

*C Programming: A Modern Approach, 2e*, K.N. King, 2008, W.W. Norton & Company, ISBN: 978-0-393-97950-3.

## Grading:

Three exams will be given, two regular exams and a final exam (comprehensive). Exams are given once – be there as there are no dropped test scores. There will be between four and six programming assignments. The program assignments are to be individual efforts.

Homework assignments (total) .....	30%
2 Regular Exams (25% each).....	50%
Final Exam (Monday May 4 <sup>th</sup> - 10:00am - 12:50pm).....	20%

Grading Scale:

Plus/minus grading will be used in this course.

90-100 = A, 88-90 = A-, 86-88 = B+, 80-86 = B, 78-80 = B-, 76-78 = C+,  
70-76 = C, 68-70 = C-, 66-68 = D+, 60-66 = D, 58-60 = D-, <58 = F

## Some Important Dates:

No class: [Monday January 19<sup>th</sup> – Martin Luther King Day](#)

Last Day to Withdraw: [Friday March 6<sup>th</sup>](#)

Final Exam: [Monday May 4<sup>th</sup> - 10:00am - 12:50pm](#)

## **Topics To Be Covered:**

1. Introduction to C – The basics of C
2. Decision statements
3. Iterative statements
4. Arrays in C
5. Functions in C
6. Pointers in C
7. String manipulation in C
8. Basic data structures
9. File I/O
10. Additional topics as they fit into the lecture materials listed above

This is a general list of topics only and is subject to the needs of the class. At the end of each class I will tell you what we will be discussing during the next class period. On-line notes will be used and will supplement the text in many areas.