

# CS 240 Programming in C – Spring 2024

**Time:** Tue & Thu 5:30PM – 6:45PM (University Hall Y02-2120)

**Instructor:** Prof. Duc Tran ([duc.tran@umb.edu](mailto:duc.tran@umb.edu), office: McCormack M3-0201-18)

**Office hours:** Tue & Thu 2PM – 4PM

**Note:** Throughout the semester, I will communicate with you via your official umb.email account. You may have email redirected from your umb.edu address to another address. The University is not responsible for the handling of email by outside vendors or by departmental servers.

## Course Description:

This course will teach you how to write, execute, and debug C language programs. We will cover the first 7 chapters of the Kernighan & Ritchie book and Chapter 8 if time permits. Topics include: introduction to C; types, operators and expressions; control flow; functions and program structure; pointers and arrays; structures; input and output.

**Prerequisites:** CS110 or CS115L

**Co-requisites:** CS210

**Textbook:** *The C Programming Language*, 2nd Edition, Kernighan & Ritchie, Prentice Hall

## Evaluation

A lot of practice is required in this class. There will be 5 homework assignments, 3 tests, and 1 final exam. Each homework will be a programming challenge, in which students are required to write C programs to solve a given set of programming problems. Homework may be submitted late but by no more than 24 hours (holidays counted). Late submission is subject to a 10% penalty on the score. No makeup exam/test is allowed.

Your final grade will be computed as follows:

- Homework: 25% (5 programming assignments, each 5%)
- Test 1 15% (paper test + computer test)
- Test 2 15% (paper test + computer test)
- Test 3 15% (paper test + computer test)
- Final Exam 30% (paper test + computer test)

Based on the final score, letter grades are assigned as follows:

Threshold (%)	93	90	87	83	80	77	73	70	67	63	60	<60
Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F

## Student Conduct

Students are required to adhere to the University Policy on Academic Standards and Cheating, to the University Statement on Plagiarism and the Documentation of Written Work, and to the Code of Student Conduct as delineated in the University Catalog and Student Handbook. The Code is available online at:

[http://www.umb.edu/life\\_on\\_campus/policies/community/code](http://www.umb.edu/life_on_campus/policies/community/code)

## Accommodations

Section 504 of the Americans with Disabilities Act of 1990 offers guidelines for curriculum modifications and adaptations for students with documented disabilities. If applicable, students may obtain adaptation recommendations from the Ross Center for Disability Services, Campus Center, UL Room 211, (617-287-7430). The student must present these recommendations and discuss them with each professor within a reasonable period, preferably by the end of Drop/Add period.