CS240 | PROGRAMMING IN C | SPRING 2017 SYLLABUS
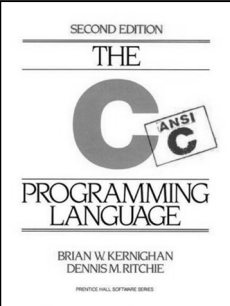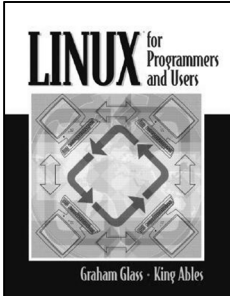
BASIC INFO

Instructor	Jason Curran
Office	S-3-130
Email	jmcurran@cs.umb.edu
Website	www.cs.umb.edu/~jmcurran/cs240
Location	Wheatley W01-0046
Time	MoWe 4:00PM – 5:15PM

COURSE OBJECTIVES

Main Objective
Provide the information and practice needed to program in C.

Other Topics Covered
Basic UNIX commands
Compiling and debugging
Makefiles
UNIX/LINUX file system and file access

COURSE TEXTS

Required	
SECOND EDITION THE C ANSI C PROGRAMMING LANGUAGE BRIAN W. KERNIGHAN DENNIS M. RITCHIE PRENTICE HALL SOFTWARE SERIES	The C Programming Language 2nd Edition Kernighan & Ritchie

Optional (but useful)	
LINUX for Programmers and Users Graham Glass · King Ables	Linux for Programmers and Users 1st Edition Glass & Ables

HOMEWORK

Assignment descriptions will be posted on the course website.

Homework must run on our UNIX/LINUX systems.

Homework is an individual effort.

You may discuss homework with classmates as long as you acknowledge any help you receive from others.

All of your code must be your own work.

You may NEVER:	Show anyone your code.
	Read anyone else's code.

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, which is available online at:
http://www.umb.edu/student_affairs/programs/judicial/csc.html.

APPLYING FOR A CS240 ACCOUNT

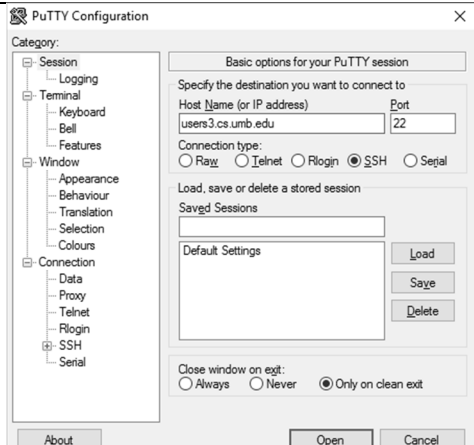| Apply for a cs240 account:	
in person	See operators in UNIX lab (S-3-157)
online	see: http://www.cs.umb.edu/sp/resources/other/faqs/#FAQ02

Two ways to access UNIX systems:

1.	Use the PCs in the UNIX lab.	
2.	Access from your home PC:	
	Must be done with a secure connection.	
	Recommended options:	
	Putty	SSH Communications

REMOTE CONNECTION

Putty
http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html

SSH Communications
http://www.cs.umb.edu/~bobw/CS110/SSHSecureShellClient-3.2.9.exe
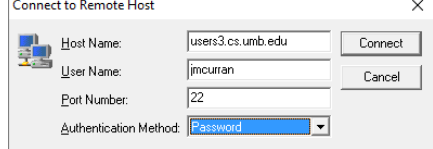
Press enter at initial screen to get following:	

You will then be prompted for password.

There are no requirements concerning which editor/IDE you use, but you must adhere to the coding standards.
If you work remotely and save files locally, you will need an SFTP client to move the files to your cs240 folder.
The SSH Communications download above includes one.

A NOTE ON READING

Check the lecture schedule and KEEP UP WITH THE READING.
You are not expected to understand everything in the reading the first time through, but you are expected to have read it prior to the lecture.

Reasons to read the book:	
1.	It is a short book: the amount of reading is manageable.
2.	This course's text is extremely direct and well-written
3.	It will make everything in the course easier.

ASKING QUESTIONS

If you don't understand what I'm talking about, ASK ME!
I'll do my best to answer, and if I don't know offhand I will get back to you after class.
If you really don't feel comfortable asking a question in class, talk to me after class...
... but you should ask during class because several of your classmates have the same question and are hoping someone else will ask it.

GRADING

Final grades will be comprised of the following:

30%	30%	30%	10%
homework	best 2/3 exams		quizzes