

Revised: May 29, 2016

CS 210

Fall, 2016/17

Dr. Blandford

Website: <http://csserver.evansville.edu/~blandfor>

Text: Hanly, Jeri R. And Koffman, Elliot B., Problem Solving and Program Design in C, eighth edition, Pearson, 2016.

Reference:

Software: Microsoft Visual Studio 2015 is available on the campus network. For your personal computer you can use Visual Studio Express for Windows Desktop which can be downloaded from <http://www.visualstudio.com/en-us/products/visual-studio-express-vs.aspx>
Download Express 2015 for Windows Desktop.

Course Structure:

This course meets from 2:00pm to 4:00pm on Tuesday and Thursday. The course is taught in an integrated lab/lecture format.

Exams:

All exams are open book and open notes. Students may not share notes, books, or calculators during exams. The three exams will have two parts. The first part will be a written exam and the second part will be a practical exam in which students are asked to write, compile, and execute a program.

Reading Assignments:

Reading assignments for each class session are printed on the attached schedule. Each student is expected to have read the assigned material *before* attending class.

Programming Assignments:

CS 210 will require eight to ten programming assignments which are to be completed outside of class. Programming assignments are to be your own work. Discussing the meaning and general solution techniques of an assignment with other students is permitted. For example, discussing "How is this assignment similar or different from problems presented in the text or in lecture?" is acceptable. Asking another person for assistance on specific items in your own analysis and design or code is also permitted, but you may not observe another person's solution or code in its entirety for the purposes of studying or copying it, with or without that student's permission.

Grading:

This class has three hour exams, graded programming projects, and a two-hour comprehensive final exam. Unannounced quizzes over lab projects will be counted as part of the homework grade. The three exams will count 60%, the graded homework and the programming assignments will count 20%, and the final exam will count 20%.

All students must receive a grade of at least 50% on the programming assignments to pass the course regardless of exam scores.

Contact Information:

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Final exam is Thursday, December 8 at 2:00pm

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Tuesday	Thursday
	Aug. 25 Ch 1 & 2 Intro and Overview of C
Aug. 30 Ch 2 Overview of C	Sept. 1 Ch 3 Functions
Sept. 6 Ch 3 More functions	Sept. 8 Ch 4 Selection
Sept. 13 Ch 5 Loops	Sept. 15 Ch 5 More loops
Sept. 20 Ch 5 Iterative approximation	Sept. 22 Ch 1-5 Hour Exam 1
Sept. 27 Ch 6 Pointers, Reference parameters	Sept. 29 Ch 11 File pointers, text files
Oct. 4 Ch 7 Vectors and arrays	Oct. 6 Ch 7 More vectors and arrays
Oct. 11 Fall Break	Oct. 13 Ch 6, 7, 11 Examples and review
Oct. 18 Ch. 6, 7, & 11 Hour Exam 2	Oct. 20 Ch 8 Strings
Oct. 25 Ch 8 More strings	Oct. 27 Ch 7, 8 Multi-dimensional arrays
Nov. 1 Ch 10 Structs	Nov. 3 Ch 12 Separate compilation
Nov. 8 Ch 13 Dynamic allocation	Nov. 10 Ch 13 Dynamic arrays Last day to withdraw with a W is Nov. 11
Nov. 15 Ch 7, 8, 10, 12, & 13 Hour Exam 3	Nov. 17 Ch 9 Recursion
Nov. 22 Ch 9 More recursion	Nov. 24 Thanksgiving
Nov. 29 Notes Parallel computing	Dec. 1 Examples and review
Dec. 6 Course review	

Final exam is Thursday, December 8 at 2:00pm