Syllabus
CS 1713: Introduction to Computer Programming II
Fall 2017

Instructor: Ali Şaman Tosun
email: tosun@cs.utsa.edu
Office: NPB 3.334
Phone: 458-7663
Class Time: Tuesday, Thursday 2:30 pm - 3:45 pm
Class Location: NPB 1.202
Office Hours: Tuesday, Thursday 4:00 pm - 5:30 pm

Al Kelley and Ira Pohl, Addison-Wesley, 2013

Objectives: In this course you will learn
1. Essential Features of C including Control Flow, Arrays, Pointers, Strings
2. Advanced Structures including multidimensional arrays and array of pointers
3. Elementary search and sorting algorithms
4. Basics of I/O including processing formatted I/O using files
5. Functions, parameter passing and recursive functions

Prerequisites: CS 1083: Introduction to Programming I for Computer Scientists

Topics:
Chapter 2: Lexical Elements, Operators and the C System
Chapter 3: Fundamental Data Types
Chapter 4: Flow of Control
Chapter 5: Functions
Chapter 6: Arrays, Pointers, Strings
Chapter 9: Structures and Unions
Chapter 11: Input/Output and the Operating System

Recitation: You should register for CS 1711 Section 1 or 2

Grading: Based on Curve
Assignments: 20% (6 assignments)
Midterm 1: 20% Thursday, September 28
Midterm 2: 20% Thursday, November 2
Attendance: 5%
Recitation: 10%
Final: 25% Thursday, December 14 at 12:30pm
Extra Credit: 3% Jumpstart or Extra assignment

Make-up exams are given only under certain extenuating circumstances. Late homeworks are not accepted.

This Syllabus is provided for informational purposes regarding the anticipated course content and schedule of this course. It is based upon the most recent information available on the date of its issuance and is as accurate and complete as possible. I reserve the right to make any changes I deem necessary and/or appropriate. I will make my best efforts to communicate any changes in the syllabus in a timely manner. Students are responsible for being aware of these changes.