Instructor: Larry Snyder, Allen Center 584
E-Mail: snyder@cs.washington.edu
Office Hours: Wednesdays, 4:30-5:30 or by appointment
TAs: Paul Pham, Brian Ngo
Course Home Page: http://www.cs.washington.edu/326

Lectures:
A MWF 11:30-12:20 EE1 037

Sections:
AA Paul Pham Th 12:30-1:20 MGH 251
AB Paul Pham Th 1:30-2:20 PAA A212

Course Description: In this course, we will explore several fundamental algorithms and data structures in computer science, and learn to implement them. Some of the data structures we will encounter include linked lists, stacks, queues, trees, heaps, hash tables, and graphs. We will study and analyze algorithms for searching, traversing trees, hashing, manipulating priority queues, sorting, finding shortest paths in graphs, and much more. Note: You may have seen some of this material before. However, the treatment of algorithms and data structures in this course will be much more rigorous and in-depth compared to CSE 143.

Prerequisites: CSE 321


Grading and Evaluation: Grades will be computed approximately as follows (weights may be modified):
- 20% - Written Homework Assignments
- 25% - Programming Assignments
- 20% - Midterm Exam
- 25% - Final Exam
- 10% - Best of the four items above
CS 326 – First Day Assignments

1) **Sign up for the mailing lists** (see course home page for more info on this) (immediately)

2) **Project #1** – Your first programming assignment is posted. Please come to section tomorrow (Thursday) with questions.

3) **Information Sheet**: Please bring to lecture on Friday September 29th a sheet of paper – you know, the floppy white stuff that comes out of printers -- with the following information:

   A Picture of you!
   Student ID is o.k. but something more interesting or readable is even nicer.

   Name (and what you like to be called)
   Email address
   Year (1,2,3,4 i.e. freshman, sophomore, etc.)
   Major
   Hometown
   Interesting Fact about yourself and/or what you did over summer break.

5) **Reading** in *Data Structures and Algorithm Analysis in Java, 2nd Ed.* by Weiss
   • For this week:
     › Chapter 1 – (review) Mathematics and Java
     › Chapter 3 – (Project #1) Lists, Stacks, & Queues
     › Chapter 2 – (Topic for Friday) Algorithm Analysis