

CPE 212

Fundamentals of Software Engineering

Topics Covered

- 1 Software Engineering - Chapter 1
- 2 Objects - Chapter 2
- 3 Unsorted Lists - Chapter 3
- 4 Pointers - Chapter 3
- 5 Linked List - Chapter 3

Software Engineering

- Read Chapter 1 in your book
- Basic understanding of engineering topics
- Software process
- Testing methodologies

Objects

- Read Chapter 2 in your text
- Familiarize yourself with struct's and how to use them
- Review class structure
- Review inheritance!
- Review sample code

Unsorted Lists/Linked Lists

- Read Chapter 3 in your text
- Review sample code for lists and linked lists
- Review the concepts

Pointers

- Read Chapter 3 in your text
- Review sample code for pointers
- Review the lecture notes

General Hints

- The book is a good reference particularly with regard to Chapter 1 and it's introduction to software engineering
- Sample code will be very helpful to review. You need to be able to walk through a program
- Closed Book/Closed Notes/ No computer
- Full paper test for this one