

CSCI 1101
Computer Science II
TEST 2 INFORMATION

Date and Time: Monday, March 13, 2017, 6.30 to 8.30 p.m.

Location: Ondaatje Auditorium, McCain Arts and Social Sciences Building

TOPICS

Module 3: ARRAYLISTS

- Concept and Advantages
- Creating an ArrayList
- Methods in the ArrayList class
- ArrayList for Integers and Doubles
- Capacity of an ArrayList
- ArrayList and methods (Pass by reference)

Module 4: LINKED LISTS

- Concept and Advantages
- Creating a linked list
 - Node class
 - Attributes, Constructor and methods
 - Linked List class.
 - Attributes, Constructor and methods
 - Examples and exercises

*Note: The above is a broad listing of topics. Please study all the material covered in the lectures.
For ArrayLists: a reference sheet with important built-in methods and their meanings will be given.*

For LinkedLists: you need to know how to write the methods to manipulate linked lists from scratch.

What to Study

Lecture notes and handouts

Practice Set Questions

Lab Questions

Relevant topics from the text book

Types of Questions

Multiple Choice

Short concept questions

Writing programs

Tracing output