

## **CSC 502 STUDY GUIDE**

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The final exam will be comprehensive: covering everything from the beginning of the term to the end. Make sure you consult all previous study guides.

There will be a closed book part focusing on concepts, 30-35%; while 65-70% will be an open book part focusing on writing Java applications.

Concepts include binary trees and binary tree traversals, linked lists, the Java Collection library: the List, Set and Map interfaces; the different ways of implementing lists (linked allocation and contiguous allocation); the different ways of implementing sets: hash sets and tree sets, Exceptions an exception handling, simple networking concepts: network protocols; application, transport and network layers, URLs, port numbers, Java servlets.

Writing recursive and non-recursive linked list operations.