

Exam 1 Date: October 12th

Topics:

- Implementation of a List structure with static arrays, dynamic arrays, and linked lists.

Format:

The exam will be split into two parts:

Part 1: October 5th (Due October 12th)

- Take home exam
- Open book, open note, open computer
- Can collaborate with others (**cannot** copy others' work)

This will be a take-home exam that covers terminology, theory, and coding. The coding portion will help you study for the in-class closed-book exam.

Part 2: October 12th – In-class

- In class
- Closed book, closed note, closed computer
- Solo work
- On paper

This exam will consist of implementing specific functions of our List classes on paper. You will get 6 code-writing problems, 2 from each type of implementation (Static Array / Dynamic Array / Linked List). These questions will also be on the Take-Home portion of the exam.

Possible functions to implement:

- | | | |
|----------|-----------|--------------|
| • Append | • Extend | • Insert |
| • Remove | • Pop | • IndexOf |
| • Count | • Reverse | • Len |
| • Max | • Min | • Operator== |