

# Midterm Exam

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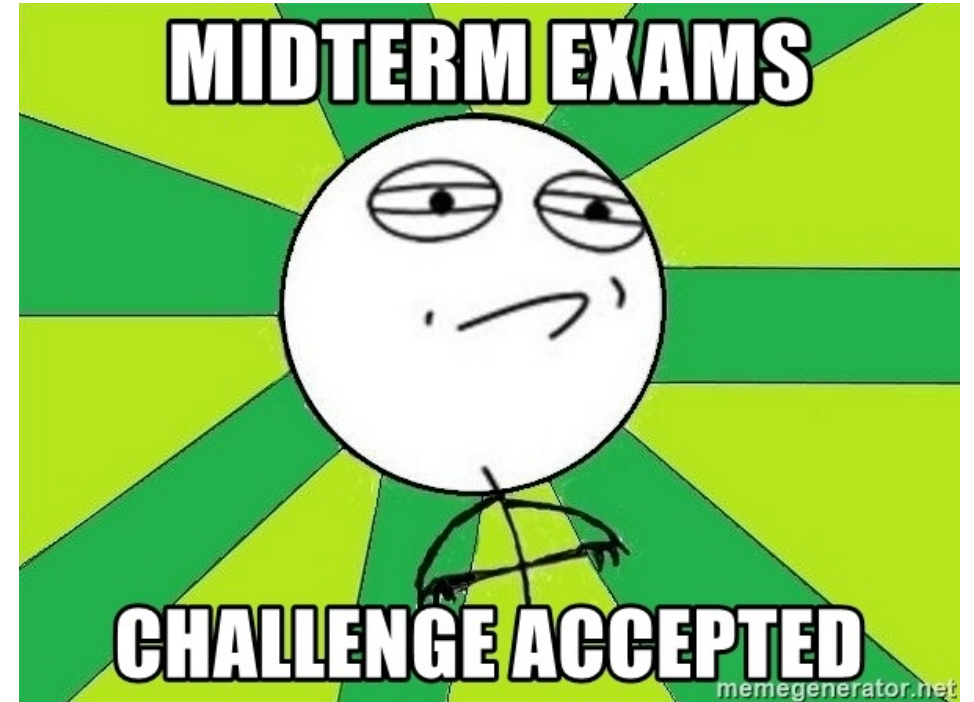
COMPCSI220: WEEK 10



Course Website: [https://ankechiang.github.io/cs220\\_swu.html](https://ankechiang.github.io/cs220_swu.html)

# Topics

1. Complexity (18 marks)
2. Mergesort (10 marks)
3. Quicksort (5 marks)
4. Heapsort (3 marks)
5. Binary Heap (10 marks)
6. Binary Search (4 marks)
7. Binary Search Tree (15 marks)
8. Graph Definitions (15 marks)
9. Graph Data Structure (20 marks)



# Resources

- Course Website
  - [https://ankechiang.github.io/cs220\\_swu.html](https://ankechiang.github.io/cs220_swu.html)
- Lecture Notes
  - [https://github.com/ankechiang/ankechiang.github.io/tree/master/cs220\\_lecture](https://github.com/ankechiang/ankechiang.github.io/tree/master/cs220_lecture)
- Lecture Recordings
  - [https://github.com/ankechiang/ankechiang.github.io/tree/master/cs220\\_recording](https://github.com/ankechiang/ankechiang.github.io/tree/master/cs220_recording)