

| Date | Topic | Assignments | Tests | Special Note |
|-----------|-------------------------|------------------------------|-----------------------|----------------------|
| 18-Aug-22 | Introduction | | | |
| 23 | Introduction | | | |
| 25 | Introduction | | | |
| 30 | Introduction | HW1 Given | | |
| 1-Sep-22 | Stable Matching | | | |
| 6 | Stable Matching | HW1 Collected, HW 2 Given | | |
| 8 | Divide and Conquer | | | |
| 13 | Divide and Conquer | HW2 Collected | | |
| 15 | Divide and Conquer | | Quiz 1 | |
| 20 | Divide and Conquer | | | |
| 22 | Dynamic Programming | | | |
| 27 | Dynamic Programming | | | |
| 29 | Dynamic Programming | | | |
| 4-Oct-22 | Dynamic Programming | | | |
| 6 | Greedy Algorithm | | | |
| 11 | | | | Fall Break, No Class |
| 13 | Greedy Algorithm | HW3 Given | | |
| 18 | Greedy Algorithm | | | |
| 20 | Greedy Algorithm | HW3 Collected | | |
| 25 | | | Mid-term | |
| 27 | Network Flows | | | |
| 1-Nov-22 | Network Flows | | | |
| 3 | Network Flows | HW4 Given | | |
| 8 | NP-Completeness | | | |
| 10 | NP-Completeness | HW4 Collected | | |
| 15 | NP-Completeness | | | |
| 17 | NP-Completeness | Programming Assignment Given | Quiz 2 | |
| 22 | Approximation Algorithm | | | |
| 24 | | | | Thanksgiving |
| 29 | Approximation Algorithm | | | |
| 1-Dec-22 | Approximation Algorithm | | | Last Class |
| 6 | | | Final (9:50-11:40 am) | |