

The following schedule outlines the material to be covered during the semester and specifies the corresponding sections in the recommended textbooks. The topic schedule is approximate and is subject to change.

| Date | Topic | Quiz | Homework | | Reading | |
|-----------|-----------------------------|---------------|----------|------|---------------------|--------------|
| | | | Assign | Due | Epp 4/e | Epp 3/e |
| Tue 01/26 | <i>Class canceled</i> | | | | | |
| Thu 01/28 | Intro, Sets & Functions | | HW1 | | 1.1-1.3, 6.1, 7.1-2 | 5.1, 7.1-2 |
| Tue 02/02 | Graphs | | | | 10.1-2 | 11.1-2 |
| Thu 02/04 | Logic | | HW2 | HW1 | 2.1-2, 3.1-3 | 1.1-2, 2.1-3 |
| Tue 02/09 | Proofs 1 | | | | 2.3, 4.1-7 | 1.3, 3.1-7 |
| Thu 02/11 | Proofs 2 | | HW3 | HW2 | 6.2-4 | 5.2-4 |
| Tue 02/16 | Proofs 3 | | | | | |
| Thu 02/18 | RSA & Cryptography | | HW4 | HW3 | 8.4 | 10.4 |
| Tue 02/23 | Number Theory 1 | Quiz 1 | | | 4.8 | 3.8 |
| Thu 02/25 | Number Theory 2 | | HW5 | HW4 | | |
| Tue 03/01 | Number Theory 3 | | | | | |
| Thu 03/03 | Induction 1 | | HW6 | HW5 | 5.1-4 | 4.1-4 |
| Tue 03/08 | Induction 2 | Quiz 2 | | | | |
| Thu 03/10 | Induction 3 | | | HW6 | | |
| Tue 03/15 | <i>Spring Break</i> | | | | | |
| Thu 03/17 | | | | | | |
| Tue 03/22 | Induction 4 | | HW7 | | | |
| Thu 03/24 | Loop Invariants | | | | 5.5 | 4.5 |
| Tue 03/29 | Review | | | HW7 | | |
| Thu 03/31 | Midterm Exam | | | | | |
| Tue 04/05 | Counting 1 | | HW8 | | 9.1-7 | 6.1-7 |
| Thu 04/07 | Counting 2 | | | | | |
| Tue 04/12 | Counting 3 | | HW9 | HW8 | | |
| Thu 04/14 | Discrete Probability 1 | Quiz 3 | | | 9.8-9 | 6.8-9 |
| Tue 04/19 | Discrete Probability 2 | | HW10 | HW9 | | |
| Thu 04/21 | Discrete Probability 3 | | | | | |
| Tue 04/26 | Relations 1 | | HW11 | HW10 | 8.1-5 | 10.1-5 |
| Thu 04/28 | Relations 2 | Quiz 4 | | | | |
| Tue 05/03 | Relations 3 | | HW12 | HW11 | | |
| Thu 05/05 | <i>TBA</i> | | | | | |
| Tue 05/10 | Review | | | HW12 | | |
| Tue 05/17 | Final Exam 1pm - 3pm | | | | | |