

The following list outlines the topics and sections from the textbook that will be addressed in each lecture (subject to change).
It is strongly advised to review the relevant sections before the scheduled class.

Please be aware that you are accountable for all content, modifications in assignments, and adjustments to test dates, regardless of your attendance.

Week	Mon. Lecture	Tuesday Discussion	Wed. Lecture	Fri. Lecture
1			Sept. 27 1.1, 1.2 Representing Functions Essential Functions	Sept. 29 HW 1 Jour 1 1.3, 1.4 New Functions from old Exponential Functions
2	Oct. 2 1.5 Semi-Log, Log-Log Plots	Oct. 3 HW 2 Discussion Session WS1	Oct. 4 1.6, 2.1 Sequences and Limits of Sequences	Oct. 6 HW 3,4 Jour 2 2.1 Limits of Sequences; D. E.
3	Oct. 9 2.2, 2.3 Limits of functions at Infinity and finite numbers	Oct. 10 HW 5 Discussion Session WS2	Oct. 11 2.3, 2.4 Limits Algebraic Methods	Oct. 13 HW 6,7 Jour 3 2.5 Continuity
4	Oct. 16 TEST I	Oct. 17 HW 8 Discussion Session WS3	Oct. 18 3.1 Deriv. and Rate of change	Oct. 20 HW 9,10 Jour 4 3.2 the Deriv. as a fun.
5	Oct. 23 3.3 Basic Diff. formulas	Oct. 24 HW 11 Discussion Session WS 4	Oct. 25 SHEC 3.3 Derivative of $\sin x$ and $\cos x$	Oct. 27 HW 12 Jour 5 3.4 Product and quotient rules
6	Oct. 30 3.5 the Chain rule	Oct. 31 HW 13 Discussion Session WS 5	Nov. 1 3.5 the Chain rule	Nov. 3 HW 14 Jour 6 3.6 Exponential growth and decay
7	Nov. 6 TEST II	Nov. 7 HW 15 Discussion Session WS6	Nov. 8 3.7 Deriv. of inv. and lo fun.	Nov. 10 Veterans Day
8	Nov. 13 3.8 Linear approximation	Nov. 14 HW 16 Discussion Session WS7	Nov. 15 4.1 Max. and Min. values	Nov. 17 HW 17 Jour 7 4.2 Monotonicity and concavity
9	Nov. 20 4.3 L'Hospital's rule	Nov. 21 HW18, 19 Discussion Session WS 8	Nov. 22 4.4 Optimization	Nov. 24 Thanks Giving
10	Nov. 27 4.4 Optimization	Nov. 28 HW 20 Discussion Session WS9	Nov. 29 4.5 Stability of fixed	Dec. 1 HW 21 Jour 8 4.5 Stability of fixed
11	Dec. 4 TEST III	Dec. 5 HW 22 Discussion Session WS10	Dec. 6 3.8 Taylor Polynomial	Dec. 8 HW 23 Jour 9 Review/Catch up
12	Dec. 11 Final Exam: December 11; From 3:30 p.m. To 5:30 p.m.	Dec. 12	Dec. 13	Dec. 15