

MAC 2312 SYLLABUS SPRING 2020

TEXT: *Thomas Calculus, Early Transcendentals,*
 - 14th Edition, by Haas, Heil, Weir.

DAILY WORK: Do the reading from the sections to be covered before coming to class each day. The exercises suggested below represent a minimal assignment and should also be done as the material is covered. Some students may have to work additional exercises from the text to attain sufficient mastery of the material.

You are expected to arrange your personal and work schedule to allow you to take the exams at the scheduled time.

WEEK	DATES	SEC
1	Jan 6–10	5.1–5.3
2	Jan 13–17	5.4–5.6
3	Jan 20–24	5.6, 7.1, 6.1,
4	Jan 27–31	6.2–6.3
5	Feb 3–7	6.4, 6.5,
6	Feb 10–14	TEST I 8.1–8.2
7	Feb 17–21	8.3, 8.4,
8	Feb 24–28	Spring Break
9	Mar 2–6	8.5, 8.8
10	Mar 9–13	10.1–10.3
	Mar 16	Last day to drop a course with a WI grade.
11	Mar 16–20	TEST II 10.4
12	Mar 23–27	10.5–10.6
13	Mar 30 – Apr 3	10.7–10.9
14	Apr 6–10	10.10, 11.1–11.5
15	Apr 13–17	TEST III Review

HomeWork

§	EXERCISES
5.1	1, 3, 7, 9, 13
5.2	5, 7, 13-23odd, 31, 32, 33, 35, 37, 43, 45
5.3	1, 5, 9-19odd, 23, 41, 43, 71, 75*, 82*
5.4	1-23odd, 27, 31, 39, 45, 47, 57, 61, 62
5.6	5-13odd, 25, 29, 31, 49, 53, 57, 65, 68
7.1	1-5odd, 9-19odd, 25, 29, 49, 51;
6.1	17-23odd, 32, 33, 41, 43, 47-57odd, 2, 5, 15, 16;
6.2	1-9odd, 15, 17, 23, 25, 29, 32, 36, 39;
6.3	1, 5, 14, 17, 19;
6.4	1, 3, 13, 19;
6.5	1, 7, 9, 13, 19, 21, 23;
8.2	1-15odd, 23, 32-35all, 45, 51, 61, 63, 69*, 70*;
8.3	3, 4, 7, 13, 17, 35, 37, 41, 64, 71;
8.4	1-9odd, 16, 17, 25, 58*, 61;
8.5	1, 5, 9, 15, 21, 25, 29, 33, 77*;
8.7	3, 9, 23, 28*;
8.8	1, 3, 5, 11, 13, 42, 69, 71, 73;
10.1	3, 7, 11, 15-23odd, 31-39odd, 43-49odd, 57, 67, 103, 107*, 121, 123;
10.2	1-11odd, 17-21odd, 22, 23, 25, 31-41odd, 45, 53-71odd, 104*;
10.3	1, 2, 6, 13-19odd, 23, 28, 37, 39, 61*;
10.4	1-23odd, 31, 34;
10.5	1, 3, 20, 21, 27, 37, 43;
10.6	1, 4-7all, 15-23odd, 47, 59, 61, 69, 70;
10.7	1-11odd, 14, 17, 30, 50, 53;
10.8	1-5odd, 11, 13, 15, 19, 21;
10.9	1, 10, 13, 19, 39, 41, 45;
10.10	1, 15, 19;
11.2	1-7odd, 23, 26;
11.3	1-7odd, 11-17odd, 27, 33, 35, 47, 55, 57, 63;
11.4	1-7odd, 25;
11.5	1, 5, 6, 9, 11

Note: You may ignore those parts of problems that ask you to use “high technology” tools usually. The parts that can be done bare-handed, should be done.