Homework Schedule Math 10550 Fall 2023

Note all deadlines are at 2:00 A.M., meaning that homework due on thurs. at 2:00 a.m. is essentially due on wed. night with a two hour extension.

Class Date	Topic covered in class	HW Appears	HW Due
	Entering Math Answers in Webassign (not for credit)	Tue. 08/22	Thurs. 08/28 **2:00 a.m.**
08/23 W	1.1-1.3. Review of Functions	Tue. 08/22	Mon. 08/28 **2:00 a.m.**
08/25 F	1.4. Ave., Tangent and Velocity	Wed. 08/23	Tue. 08/29 **2:00 a.m.**
08/28 Mon.	1.5. Limit of a Function	Fri. 08/25	Thurs. 08/31 **2:00 a.m.**
08/30 Wed.	1.6. Calculating limits using the limit laws	Mon. 08/28	Mon. 09/04 **2:00 a.m.**
09/01 Fri.	1.8. Continuity	Wed. 08/30	Tue. 09/05 **2:00 a.m.**
09/04 Mon.	2.1. Derivatives and rates of change	Fri. 09/01	Thurs. 09/07 **2:00 a.m.**
09/06 Wed.	2.2. The derivative as a function	Mon. 09/04	Mon. 09/11 **2:00 a.m.**
09/08 Fri.	2.3. Differentiation formulas	Wed. 09/06	Tue. 09/12 **2:00 a.m.**
09/11 Mon.	2.4. Derivatives of trigonometric functions	Fri. 09/08	Thurs. 09/14 **2:00 a.m.**
09/13 Wed.	2.5. The Chain Rule	Mon. 09/11	Mon. 09/18 **2:00 a.m.**
	Prac. Ex 1(not for credit)	Thurs. 09/15	Mon. 09/19 **2:00 a.m.**
09/15 Fri.	2.6. Implicit differentiation	Wed. 09/13	Thurs. 09/21 **2:00 a.m.**
09/18 Mon.	Review for Exam 1		
09/20 Wed.	Return of Exam 1		
09/22 Fri.	2.7. Rate of change in the natural and social sciences	Wed. 09/20	Tue. 09/26 **2:00 a.m.**
09/25 Mon.	2.8. Related Rates	Fri. 09/22	Thurs. 09/28 **2:00 a.m.**
09/27 Wed.	2.9. Linear approximation and differentials	Mon. 09/25	Mon. 10/02 **2:00 a.m.**
09/29 Fri.	3.1. Maximum and minimum values	Wed. 09/27	Tue. 10/03 **2:00 a.m.**
10/02 Mon.	3.2. The Mean Value Theorem	Fri. 09/29	Thurs. 10/05 **2:00 a.m.**
10/04-06 W/F	3.3. How derivatives affect the shape of a graph	Mon. 10/02	Tue. 10/10 **2:00 a.m.**
10/09 Mon.	3.4. Limits at infinity; horizontal asymptotes	Fri. 10/06	Fri. 10/13 **2:00 a.m.**
10/11 Wed.	Review for Exam 2		
10/13 Fri.	Return of Exam 2		
	Fall Break		
10/23 Mon.	3.5. Summary of curve sketching	Fri. 10/13	Thurs. 10/26 **2:00 a.m.**
10/25 Wed.	3.7. Optimization problems	Mon. 10/23	Mon. 10/30 **2:00 a.m.**
10/27 Fri.	3.8. Newton's Method	Wed. 10/25	Tue. 10/31 **2:00 a.m.**
10/30 Mon.	3.9. Antiderivatives	Fri. 10/27	Thurs. 11/02 **2:00 a.m.**
11/01 Wed.	4.1. Areas and distances	Mon. 10/30	Mon. 11/06 **2:00 a.m.**
11/03 Fri.	4.2. The definite integral	Wed. 11/01	Tue. 11/07 **2:00 a.m.**
11/06 Mon.	4.3. The Fundamental Theorem of Calculus	Fri. 11/03	Thurs. 11/09 **2:00 a.m.**
11/08 Wed.	4.4. Indefinite integrals and the Net Change Theorem	Mon. 11/06	Mon. 11/13 **2:00 a.m.**
11/10 Fri.	4.5. The Substitution Rule	Wed. 11/08	Tue. 11/14 **2:00 a.m.**
11/13 Mon.	5.1. Area between curves	Fri. 11/10	Fri. 11/17 **2:00 a.m.**
11/15 Wed.	Review for Exam 3		
11/17 Fri.	Return of Exam 3		
11/20 Mon.	5.2. Volumes	Fri. 11/17	Mon. 11/27 **2:00 a.m.**
11/22-24 W/F	**Thanksgiving Break**		
11/27 Mon.	5.3. Volumes by cylindrical shells	Fri. 11/24	Thurs. 11/30 **2:00 a.m.**
11/29 Wed.	5.4. Work	Mon. 11/27	Mon. 12/04 **2:00 a.m.**
12/01 Fri.	5.5. Average value of a function	Wed. 11/29	Tue. 12/05 **2:00 a.m.**
12/09-11 M/W.	Review for Final		