

Date		Calendar for Fall 2026 MATH 2301 Section 100 (Barsamian) (Dates and Content may be adjusted slightly during the semester.)	Quiz/Exam
Mon Aug 24	L01	Section 1.3: The Limit of a Function, Diagnostic Test	DT
Tue Aug 25	R01	Recitation R01	
Wed Aug 26	L02	Section 1.4: Calculating Limits	
Fri Aug 28	L03	Section 1.5: Continuity	
Mon Aug 31	L04	Section 1.6: Limits Involving Infinity	
Tue Sep 1	R02	Recitation R02	
Wed Sep 2	L05	Section 1.6: Limits Involving Infinity	Q1
Fri Sep 4	L06	Section 2.1: Derivatives and Rates of Change	
Mon Sep 7		Labor Day Holiday: No Class	
Tue Sep 8	R03	Recitation R03	
Wed Sep 9	L07	Section 2.2: The Derivative as a Function	
Fri Sep 11	L08	Section 2.2: The Derivative as a Function	Q2
Mon Sep 14	L09	Section 2.3: Basic Differentiation Formulas	
Tue Sep 15	R04	Recitation R04	
Wed Sep 16	L10	Section 2.3: Basic Differentiation Formulas	
Fri Sep 18	X1	Exam X1 Covering through Section 2.3	X1
Mon Sep 21	L11	Section 2.4: The Product and Quotient Rules	
Tue Sep 22	R05	Recitation R05	
Wed Sep 23	L12	Section 2.5: The Chain Rule	
Fri Sep 25	L13	Section 2.6: Implicit Differentiation	
Mon Sep 28	L14	Section 2.7: Related Rates	Q3
Tue Sep 29	R06	Recitation R06	
Wed Sep 30	L15	Section 2.8: Linear Approximations and Differentials	
Fri Oct 2		Fall Break: No Class	
Mon Oct 5	L16	Section 3.1: Exponential Functions; Section 3.2 Inverse Functions and Logarithms	
Tue Oct 6	R07	Recitation R07	
Wed Oct 7	L17	Section 3.3: Derivatives of Logarithmic and Exponential Functions	
Fri Oct 9	L18	Section 3.5: Inverse Trig Functions	Q4
Mon Oct 12	L19	Section 3.6 Hyperbolic Functions	
Tue Oct 13	R08	Recitation R08	
Wed Oct 14	L20	Section 3.7: L'Hospital's Rule	
Fri Oct 16	X2	Exam X2 Covering Section 2.4 through Chapter 3	X2
Mon Oct 19	L21	Section 4.1: Maximum and Minimum Values	
Tue Oct 20	R09	Recitation R09	
Wed Oct 21	L22	Section 4.2: The Mean Value Theorem	
Fri Oct 23	L23	Section 4.3: Derivatives and the Shapes of Graphs	Q5
Mon Oct 26	L24	Section 4.3: Derivatives and the Shapes of Graphs	
Tue Oct 27	R10	Recitation R10	
Wed Oct 28	L25	Section 4.4: Curve Sketching	
Fri Oct 30	L26	Section 4.5: Optimization Problems	Q6
Mon Nov 2	L27	Section 4.5: Optimization Problems	
Tue Nov 3	R11	Recitation R11	
Wed Nov 4	L28	Section 4.6: Newton's Method	
Fri Nov 6	L29	Section 4.7: Antiderivatives	Q7
Mon Nov 9	L30	Section 4.7: Rectilinear Motion	
Tue Nov 10	R12	Recitation R12	
Wed Nov 11		Veterans Day Holiday: No Class	
Fri Nov 13	X3	Exam X3 Covering Chapter 4	X3
Mon Nov 16	L31	Section 5.1: Areas and Distances	
Tue Nov 17	R13	Recitation R13	
Wed Nov 18	L32	Section 5.2: The Definite Integral	
Fri Nov 20	L33	Section 5.3: Evaluating Definite Integrals	Q8
Mon Nov 23	L34	Section 5.4: The Fundamental Theorem of Calculus	
Tue Nov 24	R14	Recitation R14	
Wed Nov 25		Thanksgiving Break: No Class	
Fri Nov 27		Thanksgiving Break: No Class	
Mon Nov 30	L35	Section 5.4: The Fundamental Theorem of Calculus	
Tue Dec 1	R15	Recitation R15	
Wed Dec 2	L36	Section 5.5: The Substitution Rule	Q9
Fri Dec 4	L37	Section 5.5: The Substitution Rule	
Thu Dec 10	FX	MATH 2301 Combined Final Exam FX 4:40pm - 6:40pm in Morton Hall Room TBA	FX

Exercises for Fall 2026 MATH 2301 Section 100 (Barsamian)

(from Stewart Essential Calculus Early Transcendentals 2nd Edition)

Your goal should be to write solutions to all of the 405 exercises in this table.

Section	Exercises (<u>Underlined</u> exercises are <u>not</u> in WebAssign.)																		Total
Diagnostic Test A: Algebra	1	2	3	4	5	6	7	8	9	10									10
Diagnostic Test B: Analytic Geometry	1	2	3	4	5														5
Diagnostic Test C: Functions	1	2	3	4	5	6	7												7
Diagnostic Test D: Trigonometry	1	2	3	4	5	6	7	9											8
1.3 The Limit of a Function	1	5	7	10	11	12	<u>13</u>	15	16										9
1.4 Calculating Limits	5	7	10	11	13	17	21	23	25	27	31	33	35	38	42	49	51	55	18
1.5 Continuity	3	5	7	<u>17</u>	19	27	33	39	43	47									10
1.6 Limits Involving Infinity	1	5	7	9	10	13	<u>16</u>	19	21	25	<u>27</u>	29	33	35	40	41	45	49	18
2.1 Derivatives & Rates of Change	1	5	7	<u>9</u>	11	15	16	18	25	27	29	31	33	35	43	47			16
2.2 The Derivative as a Function	1	3	5	9	11	13	19	20	22	23	25	33	35	39					14
2.3 Basic Differentiation Formulas	1	7	9	11	13	19	<u>27</u>	29	31	33	35	37	39	45	50	57	69		17
2.4 The Product & Quotient Rules	3	5	7	13	16	17	19	21	26	27	31	34	37	41	51	<u>55</u>			16
2.5 The Chain Rule	1	7	13	14	17	21	25	35	43	47	51	55	63	64					14
2.6 Implicit Differentiation	5	7	9	11	13	19	21												7
2.7 Related Rates	4	5	6	11	13	15	20	23	25	27	28	31							12
2.8 Linear Approx & Differentials	1	5	6	11	13	17	19	21	23										9
3.1 Exponential Functions	1	5	7	9	13	15	16	17	<u>23</u>	<u>24</u>	<u>25</u>	27	29	30					14
3.2 Inverse Functions, Logarithms	5	7	9	11	15	17	18	22	23	25	35	36	<u>39</u>	67	71	76			16
3.3 Derivs of Log. & Exp. Funct.	1	3	4	6	13	20	26	31	35	41	45	55	57						13
3.5 Inverse Trig Functions	1	2	3	5	6	9	17	19	21										9
3.6 Hyperbolic Functions	1	3	5	8	9	19	27	29	31	34	47								11
3.7 L'Hospital's Rule	1	2	3	4	18	21	25	26	31	35									10
4.1 Maximum & Minimum Values	5	9	18	19	21	25	29	35	39	43	47	49							12
4.2 The Mean Value Theorem	1	3	5	7	9	11	13	15	17	23	25								11
4.3 Derivs. & Shapes of Graphs	1	5	7	8	<u>10</u>	13	15	19	23	27	35	37	45						13
4.4 Curve Sketching	1	9	11	13	15	19	31	33	<u>39</u>										9
4.5 Optimization Problems	2	7	<u>9</u>	11	12	15	17	22	25	26	28	30	37	39					14
4.6 Newton's Method	4	7	9	11	13														5
4.7 Antiderivatives	1	2	7	12	13	15	20	27	38	40	43	47	53	55					14
5.1 Areas and Distances	2	3	4	5	9	13	16	18											8
5.2 The Definite Integral	1	3	9	11	15	25	30	<u>31</u>	33	35	39	40	44						13
5.3 Evaluating Definite Integrals	3	7	11	18	25	26	29	35	48	49	50	51	56	59	61	65	69		17
5.4 The Fund. Thm. of Calculus	1	3	5	6	10	11	15	19	25	27									10
5.5 The Substitution Rule	7	11	13	17	19	23	26	27	33	37	39	44	50	53	55	61			16
Total Number of Exercises From All Sections:																			405

Suggestion: *WebAssign* does not require that you write stuff down, but you will learn a lot by focusing on your *writing*. Furthermore, having good writing skills will help you succeed on Quizzes and Exams. Study by writing a complete solution to each problem *before* typing the answer into WebAssign. Focus on the clarity of your written solution. Keep your written solutions in a notebook. Compare your written solutions to your Instructors' written solutions in Lectures and Recitations. Find another student, a tutor, the Recitation Instructor, or your Professor to look over your written solutions with you.

Grade Calculation Worksheet for Fall 2026 MATH 2301 Section 100 (Barsamian)

Item	Item Points Possible	Your Item Score	Your Current Points Total	Current Points Total Possible	Your Current Percentage	Your Current Grade
R01	5			5		
R02	5			10		
Q1	30			40		
R03	5			45		
Q2	30			75		
R04	5			80		
X1	220			300		
R05	5			305		
Q3	30			335		
R06	5			340		
R07	5			345		
Q4	30			375		
R08	5			380		
X2	220			600		
R09	5			605		
Q5	30			635		
R10	5			640		
Q6	30			670		
R11	5			675		
Q7	30			705		
R12	5			710		
X3	220			930		
- LowX	-220			710		
R13	5			715		
Q8	30			745		
R14	5			750		
R15	5			755		
- LowR	-5			750		
Q9	30			780		
- LowQ	-30			750		
FX	250			1000		
WebAssign	31			1000		

Sample Grade Calculation Worksheet Filled Out

Item	Item Points Possible	Your Item Score	Your Current Points Total	Current Points Total Possible	Your Current Percentage	Your Current Grade
R01	5	3	3	5	60	D-
R02	5	3	6	10	60	D-
Q1	30	19	25	40	62.5	D-
R03	5	5	30	45	66.7	D
Q2	30	23	53	75	70.7	C-
R04	5	5	58	80	72.5	C-
X1	220	173	231	300	77	C+
R05	5	5	236	305	77.4	C+
Q3	30	29	265	335	79.1	C+
R06	5	5	270	340	79.4	C+
R07	5	5	275	345	79.7	C+
Q4	30	20	295	375	78.7	C+
R08	5	5	300	380	78.9	C+
X2	220	125	425	600	70.8	C-
R09	5	0	425	605	70.2	C-
Q5	30	10	435	635	68.5	D+
R10	5	5	440	640	68.8	D+
Q6	30	29	469	670	70	C-
R11	5	5	474	675	70.2	C-
Q7	30	30	504	705	71.5	C-
R12	5	5	509	710	71.7	C-
X3	220	185	694	930	74.6	C
- LowX	-220	-125	569	710	80.1	B-
R13	5	5	574	715	80.3	B-
Q8	30	27	601	745	80.7	B-
R14	5	5	606	750	80.8	B-
R15	5	5	611	755	80.9	B-
- LowR	-5	0	611	750	81.5	B-
Q9	30	26	637	780	81.7	B-
- LowQ	-30	-10	627	750	83.6	B
FX	250	220	847	1000	84.7	B
WebAssign	31	26	873	1000	87.3	B+