Math 125 - Calculus I
Fall 2021 Schedule

Week 1:

Lecture #	Day	Date	Section(s)	
Lecture 1	Monday	8/23	Introduction and Precalculus Review	
Lecture 2	Wednesday	8/25	2.1: Limits, Rates of Change, and Tangent Lines	
Lecture 3	Friday	8/27	2.2: Limits: A Numerical and Graphical Approach	
Lab #	Day	Date	Section(s)	
Lab 1	Monday or Tuesday	8/23 or 8/24	Worksheet 1 Precalculus Review	
Lab 2	Wednesday or Thursday	8/25 or 8/26	Worksheet 2 Precalculus Review	
Due Dates	Day	Date	Assignments	
	Monday	8/23	Prelecture WarmUp Review Due before 1 PM (Extra Credit)	
	Wednesday	8/25	Prelecture WarmUp 2.1 Due before 1 PM (Extra Credit)	
	Friday	8/27	Prelecture WarmUP 2.2 Due before 1 PM (Extra Credit)	
	Friday	8/27	Achieve Homework 0: Precalculus	
	Friday	8/27	Worksheets 1 and 2(Attend Labs & Upload to Canvas)	

Week 2:

Lecture #	Day	Date	Section(s)	
Lecture 4	Monday	8/30	2.3: Basic Limit Laws	
Lecture 5	Wednesday	9/1	2.4: Limits and Continuity	
Lecture 6	Friday	9/3	2.5: Evaluating Limits Algebraically	
Lab #	Day	Date	Section(s)	
Lab 3	Monday or Tuesday	8/30 or 8/31	Worksheet 3 Sections 2.1 and 2.2	
Lab 4	Wednesday or Thursday	9/1 or 9/2	Worksheet 3 In-Class Precalculus Review Quiz 1	
Due Dates	Day	Date	Assignments	
	Monday	8/30	PreLecture WarmUp 2.3 Due before 1 PM (Extra Credit)	
	Wednesday	9/1	PreLecture WarmUp 2.4 Due before 1 PM (Extra Credit)	
	Friday	9/3	PreLecture WarmUp 2.5 Due before 1 PM (Extra Credit)	
	Friday	9/3	Achieve Homework 1: Sections 2.1, 2.2 and 2.3	
	Friday	9/3	Worksheet 3 (Attend Labs & Upload to Canvas)	

Week 3:

Lecture #	Day	Date	Section(s)	
	Monday	9/6	Labor Day (No School)	
Lecture 7	Wednesday	9/8	2.7: Limits at Infinity	
Lecture 8	Friday	9/10	2.8: Intermediate Value Theorem	

Lab #	Day	Date	Section(s)	
Lab 5	Tuesday	9/7	Worksheet 4 Sections 2.3 and 2.4	
Lab 6	Wednesday or Thursday	9/8 or 9/9	Worksheet 4 Sections 2.3, 2.4 and 2.5	

Due Dates	Day	Date	Assignments	
	Wednesday	9/8	PreLecture WarmUp 2.7 Due before 1 PM (Extra Credit)	
	Friday	9/10	PreLecture WarmUp 2.8 Due before 1 PM (Extra Credit)	
	Friday	9/10	Achieve Homework 2: Sections 2.3, 2.4 and 2.5	
	Friday	9/10	Worksheet 4 (Attend Labs & Upload to Canvas)	

Week 4:

Lecture #	Day	Date	Section	
Lecture 9	Monday	9/13	3.1: Definition of Derivative	
Lecture 10	Wednesday	9/15	3.2: The Derivative as a Function	
Lecture 11	Friday	9/17	3.3: Product and Quotient Rules	

Lab #	Day	Date	Section(s)	
Lab 7	Monday or Tuesday	9/13 or 9/14	Worksheet 5 Sections 2.5 and 2.7	
Lab 8	Wednesday or Thursday	9/15 or 9/16	Worksheet 5, Section 2.5 and 2.7 In-class Quiz 2: Limits of Indeterminate Forms (Section 2.5) and Limits at Infinities (Section 2.7)	

Due Dates	Day	Date	Assignments	
	Monday	9/13	PreLecture WarmUp 3.1 Due before 1 PM (Extra Credit)	
	Wednesday	9/15	PreLecture WarmUp 3.2 Due before 1 PM (Extra Credit)	
	Friday	9/17	PreLecture WarmUp 3.3 Due before 1 PM (Extra Credit)	
	Friday	9/17	Achieve Homework 3: Sections 2.5, 2.7 and 2.8	
	Friday	9/17	Worksheets 5 (Attend Labs & Upload to Canvas)	

Week 5:

Lecture #	Day	Date	Section(s)
Lecture 12	Monday	9/20	3.7: The Chain Rule
Lecture 13	Wednesday	9/22	3.7: The Chain Rule
Lecture 14	Friday	9/24	3.8: Implicit Differentiation

Lab #	Day	Date	Section(s)
Lab 9	Monday or Tuesday	9/20 or 9/21	Worksheet 6 Sections 2.8, 3.1, 3.2 and 3.3
Lab 10	Wednesday or Thursday	9/22 or 9/23	Worksheet 7 Section 3.3, 3.7

Due Dates	Day	Date	Assignments
	Monday	9/20	PreLecture WarmUp 3.7 Due before 1 PM (Extra Credit)
	Friday	9/24	PreLecture WarmUp 3.8 Due before 1 PM (Extra Credit)
	Friday	9/24	Achieve Homework 4: Sections 3.1, 3.2 and 3.3
	Friday	9/24	Worksheets 6 and 7 (Attend Labs & Upload to Canvas)

Week 6:

Lecture #	Day	Date	Section
Lecture 15	Monday	9/27	Midterm 1 Review
Midterm 1	Tuesday	9/28	Chapter 2 and Sections 3.1, 3.2, 3.3, 3.7 (Bonus: 3.8) 5:50-7:50 PM
Lecture 16	Wednesday	9/29	3.8: Implicit Differentiation
Lecture 17	Friday	10/1	3.4: Rates of Change

Lab #	Day	Date	Section(s)
Lab 11	Monday or Tuesday	9/27 or 9/28	Practice Exam
Lab 12	Wednesday or Thursday	9/29 or 9/30	Worksheet 8 Section 3.8

Due Dates	Day	Date	Assignments
	Friday	10/1	PreLecture WarmUp 3.4 Due before 1 PM (Extra Credit)
	Friday	10/1	Achieve Homework 5: Section 3.8
	Friday	10/1	Worksheet 8 (Attend Labs & Upload to Canvas)

Optional	Day	Date	Time and Place
Practice Exam	Sunday	9/27	7-9 PM in LEEP 2 room 2415
Review	Monday	9/27	4-6pm Budig 110

Week 7:

Lecture #	Day	Date	Section(s)	
Lecture 18	Monday	10/4	2.6 & 3.6: Trigonometric Limits and Derivatives	
Lecture 19	Wednesday	10/6	3.6: Derivatives of Trigonometric Functions	
Lecture 20	Friday	10/8	3.5: Higher Derivatives	

Lab #	Day	Date	Section(s)	
Lab 13	Monday or Tuesday	10/4 or 10/5	Worksheet 9 Section 3.7, 3.8 and 3.6	
Lab 14	Wednesday or Thursday	10/6 or 10/7	Paper Gateway Exam Taking Derivative (Sections 3.2,3.3,3.5,3.7 and 3.6) 10 Questions, Pass (≥ 8) or No Pass (≤ 7), If No Pass, Retake in Computer Lab Next 2 Weeks Click for Videos and Click for Questions	

Due Dates	Day	Date	Assignments	
	Wednesday	10/6	PreLecture WarmUp 2.6/3.6 Due before 1 PM (Extra Credit)	
	Friday	10/8	PreLecture WarmUp 3.5 Due before 1 PM (Extra Credit)	
	Friday	10/8	Achieve Homework 6: Sections 3.8 and 3.4	
	Friday	10/8	Worksheet 9(Attend Labs & Upload to Canvas)	

Week 8: Snow 159 Opens for Gateway retake on Wednesday 10/13.

Lecture #	Day	Date	Section	
Fall Break	Monday	10/11		
Lecture 22	Wednesday	10/13	3.9: Derivatives of Inverse Functions	
Lecture 23	Friday	10/15	3.9: Derivatives of Inverse Functions	

Lab #	Day	Date	Section(s)	
Fall Break	Monday or Tuesday	10/11 or 10/12		
Lab 15	Wednesday or Thursday	10/13 or 10/14	Worksheet 10 Sections 2.6 and 3.6	

Due Dates	Day	Date	Assignments	
	Wednesday	10/13	PreLecture WarmUp 3.9 Due before 1 PM (Extra Credit)	
	Friday	10/15	Achieve Homework 7: Sections 3.5, 2.6 and 3.6	
	Friday	10/15	Worksheet 10(Attend Labs & Upload to Canvas)	

Week 9: Snow 159 is Open for Gateway retake this week

Lecture #	Day	Date	Section(s)	
Lecture 24	Monday	10/18	3.10: Related Rates	
Lecture 25	Wednesday	10/20	3.10: Related Rates	
Lecture 26	Friday	10/22	4.1: Linear Approximations	

Lab #	Day	Date	Section(s)	
Lab 16	Monday or Tuesday	10/18 or 10/19	Worksheet 11 Section 3.9	
Lab 17	Wednesday or Thursday	10/20 or 10/21	Worksheet 12 Section 3.10	

Due Dates	Day	Date	Assignments	
	Monday	10/18	PreLecture WarmUp 3.10 Due before 1 PM (Extra Credit)	
	Friday	10/22	PreLecture WarmUp 4.1 Due before 1 PM (Extra Credit)	
	Friday	10/22	Achieve Homework 8: Section 3.9	
	Friday	10/22	Worksheet 11 and 12 (Attend Labs & Upload to Canvas)	

Week 10: Last Day of Gateway Retake in Snow 159 is Tuesday 10/26.

Lecture #	Day	Date	Section	
Lecture 27	Monday	10/25	4.2: Extreme Values	
Lecture 28	Wednesday	10/27	4.3: The Mean Value Theorem	
Lecture 29	Friday	10/29	4.4: The Shape of a Graph	

Lab #	Day	Date	Section(s)	
Lab 18	Monday or Tuesday	10/25 or 10/26	Worksheet 13 Sections 3.10 and 4.1	
Lab 19	Wednesday or Thursday	10/27 or 10/28	Worksheet 13 Section 3.10 and 4.1 **In-class Quiz 3: Sections 3.8, 3.9 and 3.10**	

Due Dates	Day	Date	Assignments	
	Monday	10/25	PreLecture WarmUp 4.2 Due before 1 PM (Extra Credit)	
	Wednesday	10/27	PreLecture WarmUp 4.3 Due before 1 PM (Extra Credit)	
	Friday	10/29	PreLecture WarmUp 4.4 Due before 1 PM (Extra Credit)	
	Friday	10/29	Achieve Homework 9: Sections 3.10 and 4.1	
	Friday	10/29	Worksheet 13 (Attend Labs & Upload to Canvas)	

Week 11:

Lecture #	Day	Date	Section	
Lecture 30	Monday	11/1	Midterm 2 Review	
Midterm 2	Tuesday	11/2	Chapters 2, 3 and Sections 4.1, 4.2, 4.3 and 4.4 5:50-7:50 PM	
Lecture 31	Wednesday	11/3	4.5: l'Hôpital's Rule	
Lecture 32	Friday	11/5	4.5: l'Hôpital's Rule	

Lab #	Day	Date	Section(s)	
Lab 20	Monday or Tuesday	11/1 or 11/2	Practice Exam	
Lab 21	Wednesday or Thursday	11/3 or 11/4	Worksheet 14 Sections: 4.2, 4.3 and 4.4	

Due Dates	Day	Date	Assignments	
	Wednesday	11/3	PreLecture WarmUp 4.5 Due before 1 PM (Extra Credit)	
	Friday	11/5	Achieve Homework 10: Sections 4.1, 4.2 and 4.3	
	Friday	11/5	Worksheet 14 (Attend Labs & Upload to Canvas)	

Optional	Day	Date	Time and Place	
Practice Exam	Sunday	10/30	Noon-1 PM in LEEP 2 room 2415	
Review	Monday	11/1	4:00 − 6:00pm - Budig 110	

Week 12:

Lecture #	Day	Date	Section(s)	
Lecture 33	Monday	11/8	4.6: Graph Sketching	
Lecture 34	Wednesday	11/10	4.7: Applied Optimization	
Lecture 35	Friday	11/12	4.7: Applied Optimization and 4.8: Newton's Method	

Lab #	Day	Date	Section(s)	
Lab 22	Monday or Tuesday	11/8 or 11/9	Worksheet 15 Section 4.5	
Lab 23	Wednesday or Thursday	11/10 or 11/11	Worksheet 16 Section 4.6	

Due Dates	Day	Date	Assignments	
	Monday	11/8	PreLecture WarmUp 4.6 Due before 1 PM (Extra Credit)	
	Wednesday	11/10	PreLecture WarmUp 4.7 Due before 1 PM (Extra Credit)	
	Friday	11/12	Achieve Homework 11: Section 4.4 and 4.5	
	Friday	11/12	Worksheet 15 and 16 (Attend Labs & Upload to Canvas)	

Week 13:

Lecture #	Day	Date	Section(s)
Lecture 36	Monday	11/15	5.1: Area
Lecture 37	Wednesday	11/17	5.2: Definite Integrals (*Last day to withdraw*)
Lecture 38	Friday	11/19	5.3: Indefinite Integrals

Lab #	Day	Date	Section(s)
Lab 24	Monday or Tuesday	11/15 or 11/16	Worksheet 17 Section 4.7
Lab 25	Wednesday or Thursday	11/17 or 11/18	Worksheet 18 Section 5.1

Due Dates	Day	Date	Assignments
	Monday	11/15	PreLecture WarmUp 5.1 Due before 1 PM (Extra Credit)
	Wednesday	11/17	PreLecture WarmUp 5.2 Due before 1 PM (Extra Credit)
	Friday	11/19	PreLecture WarmUp 5.3 Due before 1 PM (Extra Credit)
	Friday	11/19	Achieve 12: Section 4.6 and 4.7
	Friday	11/19	Worksheet 17 and 18

Week 14:

Lecture #	Day	Date	Section
Lecture 39	Monday	11/22	5.3: Indefinite Integrals
Thanksgiving	Wednesday	11/24	
Thanksgiving	Friday	11/26	

Lab #	Day	Date	Section(s)
Lab 26	Monday or Tuesday	11/22 or 11/23	Worksheet 19 Sections 5.2 and 5.3
Thanksgiving	Wednesday or Thursday	11/24 or 11/25	

Due Dates	Day	Date	Assignments
	Friday	11/26	Achieve 13: Sections 4.8 and 5.1
	Friday	11/26	Worksheet 19 (Attend Labs & Upload to Canvas)

Week 15:

Lecture #	Day	Date	Section(s)	
Lecture 40	Monday	11/29	5.4: The Fundamental Theorem of Calculus Part I	
Lecture 41	Wednesday	12/1	5.5: The Fundamental Theorem of Calculus Part II	
Lecture 42	Friday	12/3	5.7: Substitution Method	

Lab #	Day	Date	Section(s)	
Lab 27	Monday or Tuesday	12/29 or 11/30	Worksheet 20 Section 5.3	
Lab 28	Wednesday or Thursday	12/1 or 12/2	Worksheet 21 Section 5.4 & 5.5	

Due Dates	Day	Date	Assignments	
	Monday	11/29	PreLecture WarmUp 5.4 Due before 1 PM (Extra Credit)	
	Wednesday	12/1	PreLecture WarmUp 5.5 Due before 1 PM (Extra Credit)	
	Friday	12/3	Achieve 14: Section 5.2 and 5.3	
	Friday	12/3	Worksheet 20 and 21 (Attend Labs & Upload to Canvas)	

Week 16:

Lecture #	Day	Date	Section	
Lecture 43	Monday	12/6	5.7: Substitution Method	
Lecture 44	Wednesday	12/8	Chapter 5 Review	
Stop Day	Friday	12/10	Stop day Review	

Lab #	Day	Date	Section(s)	
Lab 29	Monday or Tuesday	12/6 or 12/7	Worksheet 22: Sections 5.5 & 5.7 **In-class Quiz 4: Sections 5.3- 5.7, Study Worksheets 20-22 and Achieve 13-15**	
Lab 30	Wednesday or Thursday	12/8 or 12/9	Worksheet 22 Section 5.5 & 5.7	

Due Dates	Day	Date	Assignments	
	Thursday	12/9	Achieve 15: Sections 4.4, 5.5 and 5.7	
	Thursday	12/9	Worksheet 22 and 22 (Attend Labs & Upload to Canvas)	

Optional	Day	Date	Time and Place	
Stop Day Review Help room	Friday	12/10	10AM-1PM PM Budig 110 Closes on Friday 12/10 but We reopen on Monday 12/13 10AM- a little past 3PM	

Final Exams Week :

Final Exam	Monday 4:30 - 7 PM	12/13	Location depends on your lab instructor	

Instructor	Final Exam Room
Alyssa Curry	130 Budig
Brett Ehrman	130 Budig
Neethu Suma	130 Budig
Mehmet Yanisey	130 Budig
Dylan Beck	1154 Gray-Little Hall
Ritika Nair	1154 Gray-Little Hall