

Math 104 - Precalculus

Fall 2022 Schedule

Week 1:

Lecture #	Day	Date	Section(s)
Day 1	Monday	8/22	Introduction and Factoring (Group Work 1)
Day 2	Tuesday	8/23	1.1: Functions and Function Notation (Mini Projects)
Day 3	Wednesday	8/24	Review and Catch up (Start 1.2 if time is left.)
Day 4	Thursday	8/25	1.2: Domain and Range
Day 5	Friday	8/26	1.3: Rate of Change and Behavior of Graphs
Due Dates	Day	Date	Assignments
	Friday	8/26	Individual Work 1: Section(s) Factoring and Solving (Upload to Canvas)
	Friday	8/26	WebAssign Homework: Section(s) 1.1 - 1.2 (Links on your Canvas' Weekly Modules)

Week 2:

Lecture #	Day	Date	Section(s)
Day 6	Monday	8/29	1.4: Composition of Functions(Group Work 2)
Day 7	Tuesday	8/30	1.5: Transformation of Functions
Day 8	Wednesday	8/31	1.6: Absolute Value Functions
Day 9	Thursday	9/1	Review and Catch up Quiz 1: Factoring and Solving, 1.1, 1.3
Day 10	Friday	9/2	1.7: Inverse Functions
Due Dates	Day	Date	Assignments
	Friday	9/2	Individual Work 2: Section(s) 1.3 - 1.7 (Upload to Canvas)
	Friday	9/2	WebAssign Homework: Section(s) 1.3 - 1.6 (Links on your Canvas' Weekly Modules)

Week 3:

Lecture #	Day	Date	Section(s)
	Monday	9/5	Labor Day (No School)
Day 11	Tuesday	9/6	2.1/ 2.2: Linear Functions/ Graphs of Linear Functions
Day 12	Wednesday	9/7	2.3: Modeling with linear Functions (Group Work 3)
Day 13	Thursday	9/8	Review and Catch up Quiz 2: 1.4
Day 14	Friday	9/9	3.1: Complex Numbers
Due Dates	Day	Date	Assignments
	Friday	9/9	Individual Work 3: Section(s) 2.1 - 2.3 (Upload to Canvas)
	Friday	9/9	WebAssign Homework: Section(s) 1.7, 2.1 - 2.3 (Links on your Canvas' Weekly Modules)

Week 4:

Lecture #	Day	Date	Section(s)
Day 15	Monday	9/12	3.2: Quadratic Functions
Day 16	Tuesday	9/13	3.3: Power Functions and Polynomial Functions
Day 17	Wednesday	9/14	3.4: Graphs of Polynomial Functions (Group Work 4)
Day 18	Thursday	9/15	Review and Catch up Quiz 3: 1.7
Day 19	Friday	9/16	3.5: Dividing Polynomials
Due Dates	Day	Date	Assignments
	Friday	9/16	Individual Work 4: Section(s) 3.1 - 3.2 (Upload to Canvas)
	Friday	9/16	WebAssign Homework: Section(s) 3.1 - 3.2, 3.3-3.4 (Links on your Canvas' Weekly Modules)

Week 5:

Lecture #	Day	Date	Section(s)
Day 20	Monday	9/19	3.6: Zeros of Polynomial Functions
Day 21	Tuesday	9/20	3.7: Rational Functions (Group Work 5)
Day 22	Wednesday	9/21	3.8: Inverse and Radical Functions
Day 23	Thursday	9/22	4.1: Exponential Functions
Day 24	Friday	9/23	4.2: Graphs of Exponential Functions
Due Dates	Day	Date	Assignments
	Friday	9/23	Individual Work 5: Section(s) 3.3-3.7 (Upload to Canvas)
	Friday	9/23	WebAssign Homework: Section(s) 3.5-3.6,3.7-3.8 (Links on your Canvas' Weekly Modules)

Optional-Review	Day	Date	Time and Place
Exam Review	Saturday	9/24	10:00 - 12:00 PM, Wescoe 3139
Practice-Exam	Sunday	9/25	Time TBA, Place: LEEP 2

Week 6:

Lecture #	Day	Date	Section(s)
Day 25	Monday	9/26	Exam Review Quiz 4: 3.1, 3.2 and Radical Equations
Day 26	Tuesday	9/27	Exam Review
Midterm 1			5:50-7:50 PM Room: Budig 110 and Budig 130 Chapters 1,2,3, and Sections 4.1-4.2
Day 27	Wednesday	9/28	4.3: Logarithmic Functions
Day 28	Thursday	9/29	4.4: Graphs of Logarithmic Functions
Day 29	Friday	9/30	4.5: Logarithmic Properties
Due Dates	Day	Date	Assignments
			Individual Work (No Assignment)
	Friday	9/30	WebAssign Homework: Section(s) 4.1-4.2 (Links on your Canvas' Weekly Modules)

Week 7:

Lecture #	Day	Date	Section(s)
Day 30	Monday	10/3	4.6: Exponential and Logarithmic Equations (Group Work 6)
Day 31	Tuesday	10/4	4.7: Exponential and Logarithmic Models (Mini Projects 2)
Day 32	Wednesday	10/5	Review and Catch up Quiz 5: Section 3.7 and Chapter 4
Day 33	Thursday	10/6	5.1: Angles
Day 34	Friday	10/7	5.2: Unit Circle: Sine and Cosine Functions
Due Dates	Day	Date	Assignments
	Friday	10/7	Individual Work 6: Section(s) 4.1-4.7 (Upload to Canvas)
	Friday	10/7	WebAssign Homework: Section(s) 4.1-4.7 (Links on your Canvas' Weekly Modules)

Week 8:

Lecture #	Day	Date	Section(s)
	Monday	10/10	Fall Break! (No School)
	Tuesday	10/11	Fall Break! (No School)
Day 35	Wednesday	10/12	Review and Catch up and Paper Gateway
Day 36	Thursday	10/13	5.3: The Other Trigonometric Functions (In-Class Group Practice Quiz, 5.1-5.2)
Day 37	Friday	10/14	5.4: Right Triangle Trigonometry (Group Work 7)
Due Dates	Day	Date	Assignments
	Monday	10/17	Individual Work 7: Section(s) 5.1-5.4 (Upload to Canvas)
	Friday	10/14	WebAssign Homework: Section(s) 5.1-5.4 (Links on your Canvas' Weekly Modules)

Snow 159 is Open for Gateway retake in Week 9, 10/17.

Week 9:

Lecture #	Day	Date	Section(s)
Day 38	Monday	10/17	6.1: Graphs of Sine and Cosine Quiz 6: Sections 5.1 and 5.2
Day 39	Tuesday	10/18	6.2: Graphs of Other Trigonometric Functions
Day 40	Wednesday	10/19	6.3: Inverse Trigonometric Functions (Group Work 8)
Day 41	Thursday	10/20	7.1: Solving Trigonometric Equations with Identities
Day 42	Friday	10/21	7.2: Sum and Difference Identities
Due Dates	Day	Date	Assignments
	Friday	10/21	Individual Work 8: Section(s) 6.1-6.3 (Upload to Canvas)
	Friday	10/21	WebAssign Homework: Section(s) 6.1-6.3 (Links on your Canvas' Weekly Modules)

Last day of Gateway retake in Snow 159 is Week 10, 10/28.

Week 10:

Lecture #	Day	Date	Section(s)
Day 43	Monday	10/24	7.3: Double-Angle, Half-Angle, and Reduction Formula
Day 44	Tuesday	10/25	7.4: Sum-to-Product and Product-to-Sum Formula
Day 45	Wednesday	10/26	7.5: Solving Trigonometric Equations (Group Work 9)
Day 46	Thursday	10/27	Review and Catch up Quiz 7: 6.3 and 7.5
Day 47	Friday	10/28	7.6: Modeling with Trigonometric Equations
Due Dates	Day	Date	Assignments
	Friday	10/28	Individual Work 9: Section(s) 7.1-7.6 (Upload to Canvas)
	Friday	10/28	WebAssign Homework: Section(s) 7.1-7.5 (Links on your Canvas' Weekly Modules)

Optional-Review	Day	Date	Time and Place
Exam Review	Saturday	10/29	10:00 - 12:00 PM, Wescoe 3139
Practice-Exam	Sunday	10/30	Time TBA, Place: LEEP 2

Week 11:

Lecture #	Day	Date	Section(s)
Day 48	Monday	10/31	Exam Review Quiz 8: Section 7.6
Day 49	Tuesday	11/1	Exam Review
Midterm 2			5:50-7:50 PM Room: Tentatively Budig 110 and 130 Chapters 4,5,6 and 7
Day 50	Wednesday	11/2	8.1: Non-right Triangles: Law of Sines
Day 51	Thursday	11/3	8.2: Non-right Triangles: Law of Cosine
Day 52	Friday	11/4	8.3: Polar Coordinates

Due Dates	Day	Date	Assignments
			Individual Work (No Assignment)
	Friday	11/4	WebAssign Homework: Section(s) 7.6 (Links on your Canvas' Weekly Modules)

Week 12:

Lecture #	Day	Date	Section(s)
Day 53	Monday	11/7	8.4: Polar Coordinates: Graphs
Day 54	Tuesday	11/8	Review and Catch up Quiz 9: 8.1-8.3
Day 55	Wednesday	11/9	8.5: Polar Form of Complex Numbers(GroupWork 10)
Day 56	Thursday	11/10	8.6: Parametric Equations
Day 57	Friday	11/11	8.7: Parametric Equations: Graphs

Due Dates	Day	Date	Assignments
	Friday	11/11	Individual Work 10: Section(s) 8.1-8.4 (Upload to Canvas)
	Friday	11/11	WebAssign Homework: Section(s) 8.1-8.2 (Links on your Canvas' Weekly Modules)

Last Day to withdraw: Wednesday, November 16th, 2022

Week 13:

Lecture #	Day	Date	Section(s)
Day 58	Monday	11/14	Review and Catch up (Group Work 11)
Day 59	Tuesday	11/15	9.1: Systems of Linear Equations: Two Variable
Day 60	Wednesday	11/16	9.2: Systems of Linear Equations: Three Variables
Day 61	Thursday	11/17	9.3: Systems of Nonlinear Equations and Inequalities
Day 62	Friday	11/18	9.5: Matrices and Matrix Operations
Due Dates	Day	Date	Assignments
	Friday	11/18	Individual Work 11: Section(s) 8.3-8.7 (Upload to Canvas)
	Friday	11/18	WebAssign Homework: Section(s) 8.3-8.4 (Links on your Canvas' Weekly Modules)

Week 14:

Lecture #	Day	Date	Section(s)
Day 63	Monday	11/21	9.6: Solving Systems with Gaussian Elimination and Vectors
Day 64	Tuesday	11/22	Review and Catch up
	Wednesday	11/23	Thanks Giving! (No School)
	Thursday	11/24	Thanks Giving! (No School)
	Friday	11/25	Thanks Giving! (No School)
Due Dates	Day	Date	Assignments
			Individual Work (No Assignment)
	Friday	11/25	WebAssign Homework: Section(s) Sections: 9.1-9.5 (Links on your Canvas' Weekly Modules)

Week 15:

Lecture #	Day	Date	Section(s)
Day 65	Monday	11/28	9.6: Solving Systems with Gaussian Elimination and Vectors (Group Work 12)
Day 66	Tuesday	11/29	Review and Catch up Quiz 10: Section 9.5 and 9.6
Day 67	Wednesday	11/30	10.1: The Ellipse
Day 68	Thursday	12/1	Review and Catch up
Day 69	Friday	12/2	10.2: The hyperbola
Due Dates	Day	Date	Assignments
	Friday	12/2	Individual Work 12: Section(s) 9.1-9.6 (Upload to Canvas)
	Friday	12/2	WebAssign Homework: Section(s) 8.5-8.7 (Links on your Canvas' Weekly Modules)

Week 16:

Lecture #	Day	Date	Section(s)
Day 70	Monday	12/5	10.3: The Parabola
Day 71	Tuesday	12/6	Review and Catch up (Make Up one of Quizzes 7-10, No Partial Credit.)
Day 72	Wednesday	12/7	Final Exam Review
Day 73	Thursday	12/8	Final Exam Review
	Friday	12/9	Stop Day! (No School)
Due Dates	Day	Date	Assignments
			Individual Work (No Assignment)
	Thursday	12/8	WebAssign Homework: Section(s) 10.1-10.3 (Links on your Canvas' Weekly Modules)

Optional-Review	Day	Date	Time and Place
Exam Review	Friday	12/9	10:00 - 12:00 PM Budig 110

Final Exam	Wednesday	December 14th 4:30 - 7 PM	Final Exam Room Depends on Your Lab Instructor (TBA)
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