Math 104 - Precalculus
Fall 2023 Schedule

Week 1:

Lecture #	Day	Date	Section(s)	
Day 1	Monday	8/21	Introduction and Factoring (Group Work 1)	
Day 2	Tuesday	8/22	1.1: Functions and Function Notation (Mini Projects)	
Day 3	Wednesday	8/23	Review and Catch up (Start 1.2 if time is left.)	
Day 4	Thursday	8/24	1.2: Domain and Range	
Day 5	Friday	8/25	1.3: Rate of Change and Behavior of Graphs	
Due Dates	Day	Date	Assignments	
	Friday	8/25	Individual Work 1: Section(s) Factoring and Solving (Upload to Canvas)	
	Friday	8/25	MathMatize Homework: Section(s) Factoring, 1.1 - 1.2 (Links on your Canvas' Weekly Modules)	

Week 2:

Lecture #	Day	Date	Section(s)	
Day 6	Monday	8/28	1.4: Composition of Functions(Group Work 2)	
Day 7	Tuesday	8/29	1.5: Transformation of Functions	
Day 8	Wednesday	8/30	1.6: Absolute Value Functions	
Day 9	Thursday	8/31	Review and Catch up Quiz 1: Factoring and Solving, 1.1, 1.3	
Day 10	Friday	9/1	1.7: Inverse Functions	
Due Dates	Day	Date	Assignments	
	Friday	9/1	Individual Work 2: Section(s) 1.3 - 1.7 (Upload to Canvas)	
	Friday	9/1	MathMatize Homework: Section(s) 1.3 - 1.6 (Links on your Canvas' Weekly Modules)	

Week 3:

Lecture #	Day	Date	Section(s)	
	Monday	9/4	**Labor Day (No School)**	
Day 11	Tuesday	9/5	2.1/ 2.2: Linear Functions/ Graphs of Linear Functions	
Day 12	Wednesday	9/6	2.3: Modeling with linear Functions (Group Work 3)	
Day 13	Thursday	9/7	Review and Catch up Quiz 2: 1.4	
Day 14	Friday	9/8	3.1: Complex Numbers	
Due Dates	Day	Date	Assignments	
	Friday	9/8	Individual Work 3: Section(s) 2.1 - 2.3 (Upload to Canvas)	
	Friday	9/8	MathMatize Homework: Section(s) 1.7, 2.1 - 2.3 (Links on your Canvas' Weekly Modules)	

Day	Date	Type	
Monday	September 11th, 2023	Last day to withdraw/drop without a "W"	

Week 4:

Lecture #	Day	Date	Section(s)	
Day 15	Monday	9/11	3.2: Quadratic Functions	
Day 16	Tuesday	9/12	3.3: Power Functions and Polynomial Functions	
Day 17	Wednesday	9/13	3.4: Graphs of Polynomial Functions (Group Work 4)	
Day 18	Thursday	9/14	Review and Catch up Quiz 3: 1.7	
Day 19	Friday	9/15	3.5: Dividing Polynomials	
Due Dates	Day	Date	Assignments	
	Friday	9/15	Individual Work 4: Section(s) 3.1 - 3.2 (Upload to Canvas)	
	Friday	9/15	MathMatize 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	9/18	3.6: Zeros of Polynomial Functions	
Day 21	Tuesday	9/19	3.7: Rational Functions (Group Work 5)	
Day 22	Wednesday	9/20	3.8: Inverse and Radical Functions	
Day 23	Thursday	9/21	4.1: Exponential Functions	
Day 24	Friday	9/22	4.2: Graphs of Exponential Functions	

Due Dates	Day	Date	Assignments	
	Friday	9/22	Individual Work 5: Section(s) 3.3-3.7 (Upload to Canvas)	
	Friday	9/22	MathMatize 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	Friday	9/22	5:00 pm – 7:30 pm, Wescoe 3139	
Practice-Exam	Sunday	9/24	Time 4-6 pm, Place: LEEP 2	

Week 6:

Lecture #	Day	Date	Section(s)	
Day 25	Monday	9/25	Exam Review Quiz 4: 3.1, 3.2 and Radical Equations	
Day 26 **Midterm 1**	Tuesday	9/26	Exam Review **5:50-7:50 PM Room: 110 Budig and 150 JPR** **Chapters 1-3 and Sections 4.1-4.2**	
Day 27	Wednesday	9/27	4.3: Logarithmic Functions	
Day 28	Thursday	9/28	4.4: Graphs of Logarithmic Functions	
Day 29	Friday	9/29	4.5: Exponential & Logarithmic Properties	

Due Dates	Day	Date	Assignments	
			Individual Work (No Assignment)	
	Friday	9/29	MathMatize Homework: Section(s) 4.1-4.2 (Links on your Canvas' Weekly Modules)	

Week 7:

Lecture #	Day	Date	Section(s)	
Day 30	Monday	10/2	4.6: Exponential and Logarithmic Equations(Group Work 6)	
Day 31	Tuesday	10/3	4.7: Exponential and Logarithmic Models	
Day 32	Wednesday	10/4	Review and Catch up (Mini Projects 2)	
Day 33	Thursday	10/5	Review and Catch up Quiz 5: Section 3.7 and Chapter 4	
Day 34	Friday	10/6	5.1: Angles	

Due Dates	Day	Date	Assignments	
	Friday	10/6	Individual Work 6: Section(s) 4.1-4.7 (Upload to Canvas)	
	Friday	10/6	MathMatize Homework: Section(s) 4.1-4.7 (Links on your Canvas' Weekly Modules)	

Week 8:

Lecture #	Day	Date	Section(s)	
Day 35	Monday	10/9	5.2: Unit Circle: Sine and Cosine Functions	
Day 36	Tuesday	10/10	Review and Catch up and Paper Gateway	
Day 37	Wednesday	10/11	5.3: The Other Trigonometric Functions(In-Class Group Practice Quiz, 5.1-5.2)	
Day 38	Thursday	10/12	5.4: Right Triangle Trigonometry (Group Work 7)	
Day 39	Friday	10/13	6.1: Graphs of Sine and Cosine(Introduction) Quiz 6: Sections 5.1 and 5.2	

Due Dates	Day	Date	Assignments	
	Wednesday	10/18	Individual Work 7: Section(s) 5.1-5.4 (Upload to Canvas)	
	Friday	10/13	MathMatize Homework: Section(s) 5.1-5.4 (Links on your Canvas' Weekly Modules)	

Week 9:

Lecture #	Day	Date	Section(s)	
	Monday	10/16	**Fall Break! (No School)**	
	Tuesday	10/17	**Fall Break! (No School)**	
Day 40	Wednesday	10/18	6.1: Graphs of Sine and Cosine & 6.2: Graphs of Other Trigonometric Functions	
Day 41	Thursday	10/19	6.3: Inverse Trigonometric Functions (Group Work 8)	
Day 42	Friday	10/20	7.1: Solving Trigonometric Equations with Identities	
Due Dates	Day	Date	Assignments	
	Friday	10/20	Individual Work 8: Section(s) 6.1-6.3 (Upload to Canvas)	
	Friday	10/20	MathMatize Homework: Section(s) 6.1-6.3 (Links on your Canvas' Weekly Modules)	

Week 10:

Lecture #	Day	Date	Section(s)	
Day 43	Monday	10/23	7.2: Sum and Difference Identities	
Day 44	Tuesday	10/24	7.3: Double-Angle, Half-Angle, and Reduction Formula	
Day 45	Wednesday	10/25	7.4: Sum-to-Product and Product-to-Sum Formula	
Day 46	Thursday	10/26	7.5: Solving Trigonometric Equations(Group Work 9)	
Day 47	Friday	10/27	Review and Catch up Quiz 7: 6.1 - 6.3	
Due Dates	Day	Date	Assignments	
	Friday	10/27	Individual Work 9: Section(s) 7.1-7.6 (Upload to Canvas)	
	Friday	10/27	MathMatize Homework: Section(s) 7.1-7.5 (Links on your Canvas' Weekly Modules)	

Optional-Review	Day	Date	Time and Place	
Exam Review	Friday	10/27	5:00 pm – 7:30 pm, Wescoe 3139	
Practice-Exam	Sunday	10/29	Time 4-6 pm, Place: LEEP 2	

Week 11:

Lecture #	Day	Date	Section(s)	
Day 48	Monday	10/30	Exam Review Quiz 8: Section 7.5	
Day 49 **Midterm 2**	Tuesday	10/31	Exam Review **5:50-7:50 PM Room: 110 Budig and 150 JPR** **Chapters 5-6, Sections 4.7 and 7.1-7.5**	
Day 50	Wednesday	11/1	7.6: Modeling with Trigonometric Equations	
Day 51	Thursday	11/2	8.1: Non-right Triangles: Law of Sines	
Day 52	Friday	11/3	8.2: Non-right Triangles: Law of Cosine	

Due Dates	Day	Date	Assignments	
	Friday	11/3	Individual Work (No Assignment) MathMatize Homework: Section(s) 7.6 (Links on your Canvas' Weekly Modules)	

Week 12:

Lecture #	Day	Date	Section(s)	
Day 53	Monday	11/6	8.3: Polar Coordinates(Gateway Lab opens again.)	
Day 54	Tuesday	11/7	8.4: Polar Coordinates: Graphs(Last day of Gateway Lab.)	
Day 55	Wednesday	11/8	8.5: Polar Form of Complex Numbers(GroupWork 10)	
Day 56	Thursday	11/9	Review and Catch up Quiz 9: 7.6, 8.1-8.3	
Day 57	Friday	11/10	8.6: Parametric Equations	

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

Day	Date	Type	
Wednesday	November 15th, 2023	Last day to withdraw from a class or the University	

Week 13:

Lecture #	Day	Date	Section(s)	
Day 58	Monday	11/13	8.7: Parametric Equations: Graphs	
Day 59	Tuesday	11/14	Review and Catch up (Group Work 11)	
Day 60	Wednesday	11/15	9.1: Systems of Linear Equations: Two Variable	
Day 61	Thursday	11/16	9.2: Systems of Linear Equations: Three Variables	
Day 62	Friday	11/17	9.3: Systems of Nonlinear Equations and Inequalities	

Due Dates	Day	Date	Assignments	
	Friday	11/17	Individual Work 11: Section(s) 8.3-8.7 (Upload to Canvas)	
	Friday	11/17	MathMatize Homework: Section(s) 8.3-8.4 (Links on your Canvas' Weekly Modules)	

Week 14:

Lecture #	Day	Date	Section(s)	
Day 63	Monday	11/20	9.5: Matrices and Matrix Operations	
Day 64	Tuesday	11/21	9.6: Solving Systems with Gaussian Elimination and Vectors	
	Wednesday	11/22	**Thanks Giving! (No School)**	
	Thursday	11/23	**Thanks Giving! (No School)**	
	Friday	**11/24**	**Thanks Giving! (No School)**	

Due Dates	Day	Date	Assignments	
	Friday	11/24	Individual Work (No Assignment) MathMatize Homework: Section(s) Sections: 9.1-9.5 (Links on your Canvas' Weekly Modules)	

Week 15:

Lecture #	Day	Date	Section(s)	
Day 65	Monday	11/27	9.6: Solving Systems with Gaussian Elimination and Vectors (Group Work 12)	
Day 66	Tuesday	11/28	Review and Catch up Quiz 10: Section 9.5 and 9.6	
Day 67	Wednesday	11/29	10.1: The Ellipse	
Day 68	Thursday	11/30	Review and Catch up	
Day 69	Friday	12/1	10.2: The hyperbola	

Due Dates	Day	Date	Assignments	
	Friday	12/1	Individual Work 12: Section(s) 9.1-9.6 (Upload to Canvas)	
	Friday	12/1	MathMatize Homework: Section(s) 8.5-8.7 (Links on your Canvas' Weekly Modules)	

Week 16:

Lecture #	Day	Date	Section(s)	
Day 70	Monday	12/4	10.3: The Parabola	
Day 71	Tuesday	12/5	Review and Catch up (If any assessment is eligible for retake, we will schedule it for this day.)	
Day 72	Wednesday	12/6	Final Exam Review	
Day 73	Thursday	12/7	Final Exam Review	
	Friday	**12/8**	**Stop Day! (No School)**	

Due Dates	Day	Date	Assignments	
	Thursday	12/7	Individual Work (No Assignment) MathMatize Homework: Section(s) 10.1-10.3 (Links on your Canvas' Weekly Modules)	

Optional-Review	Day	Date	Time and Place
Exam Review	Friday	12/8	9:00 am - 12:00 pm, Wescoe 3140

Final Exam	Thursday	December 14th 4:30 - 7 PM	Location: TBA