

MAT 141.01 Fall 2021

Course Calendar for Dates that Sections will be Covered

First and foremost, it is extremely important that you understand that **this is not a self-paced course!** Deadlines must be met in order to receive credit for the assignment. In order to get the complete understanding of the subject matter being presented in this course so that you will be able to progress competently to the courses in your field of study that come after this, it is necessary that you progress through the material in a timely and efficient manner. The material has to be learned in a way that allows you to digest the concepts being taught. Therefore, we will have a **Course Calendar for Dates that Sections will be Covered**.

The Course Calendar for Dates that Sections will be Covered is to be used in conjunction with the due dates found in “MyMathLab” under Do Homework, then Show All. The Course Calendar by Weeks will help the student to know approximately what sections and topics in the textbook will be learned each week in order to meet the due dates posted in MyMathLab. The official due dates for the assignments are in MyMathLab.

On **The MAT 141.01 Course Calendar for Dates that Sections will be Covered**, you will find the approximate dates that sections of the course will be covered, approximate dates you should be ready to take the MML unit exams, and the **exact dates for the proctored Midterm and the proctored Final Exam**.

In order to complete the MAT 141.01 course, you must complete the requirements in each of the six categories: MML Homework, MML Quizzes, MML Unit Exams, a few Classwork Worksheets/Projects (submitted through JetNet), **the proctored Midterm and the proctored Final Exam**.

Remember: You should refer to the due dates found in MyMathLab to help you meet the official assignment due dates for the MyMathLab assignments in the course.

Note about e-mail:

You can e-mail me a question any time.

I try to return e-mail within 48 hours, with the exception of weekends; if you e-mail after 3 pm on a Friday, you may not hear back from me until the following Tuesday.

If you have a personal question, e-mail me directly at BaarsonMonaG@jccmi.edu

When you e-mail, **put MAT141.01 in the subject line followed by your name**.

MAT 141.01 Fall 2021

Course Calendar for Dates that Sections will be Covered

Class Day	Sections	Topics Covered and Assignments To Be Working On
Week 1		
	August 30	MyMathLab - Get Signed Up Immediately!!!
	August 30	Send Intro Email to Instructor!!!
	Monday October 18	Midterm Exam
	Wednesday December 15	Final Exam
<ul style="list-style-type: none"> • Chapter R and Chapter 1 is material that the MAT 141 student has learned prior to taking Precalculus. Therefore, students will not be expected to do the homework or videos for Chapter R and Chapter 1, except as a review if needed. • Extra Practice for Chapter R and Chapter 1 may be found in the Study Plan. • MAT 141 – Precalculus will “officially” begin with Chapter 2. <p>(However, the Study Plan problems are not a required assignment for any of the sections we do... it is just a helpful resource for the student.)</p>		
<p>Exam #1a: Chapter R Post-Test(Required) – See MML for Due Date</p> <p>This will have a later due date than assignments from Chapter 2.</p> <p>It is important to know these concepts as these concepts are needed in order to be successful for all of the sections in the course.</p>		
<p>Exam #1b: Chapter 1 Post-Test(Required) – See MML for Due Date</p> <p>This will have a later due date than assignments from Chapter 2.</p> <p>It is important to know these concepts as these concepts are needed in order to be successful for all of the sections in the course.</p>		
Monday August 30	2.1 2.2	Course Introduction Increasing, Decreasing, and Piecewise Functions The Algebra of Functions
Wednesday September 1	2.3 2.4 2.5	The Composition of Functions Symmetry Transformations

MAT 141.01 Fall 2021

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Class Day	Sections	Topics Covered and Assignments To Be Working On
Week 2		
	Monday October 18	Midterm Exam
	Wednesday December 15	Final Exam
Monday September 6	2.3 2.4 2.5	The Composition of Functions Symmetry Transformations
Wednesday September 8	2.5 2.6 Project	Transformations Variation and Applications Variation Project (to be completed and submitted through JetNet)
Week 3		
	Monday October 18	Midterm Exam
	Wednesday December 15	Final Exam
Monday September 13	3.1 3.2	The Complex Numbers Quadratic Equations, Functions, Zeros, and Models
Wednesday September 15	3.3 3.4	Analyzing Graphs of Quadratic Functions Solving Rational Equations and Radical Equations
Week 4		
	Monday October 18	Midterm Exam
	Wednesday December 15	Final Exam
Monday September 20	3.4 3.5	Solving Rational Equations and Radical Equations Solving Equations and Inequalities with Absolute Value
	Review	<i>Review for Unit Exam #2 - Chapters 2 and 3 – Done in MML</i>
	Exam	<i>Unit Exam #2 - Chapters 2 and 3 – Due in MML</i>
Wednesday September 22	4.1 4.2	Polynomial Functions and Modeling Graphing Polynomial Functions

MAT 141.01 Fall 2021

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Day	Sections	Topics Covered and Assignments To Be Working On
Week 5		
	Monday October 18	Midterm Exam
	Wednesday December 15	Final Exam
Monday September 27	4.3 4.5	Polynomial Division; The Remainder and Factor Theorems Rational Functions
Wednesday September 29	4.5 4.6	Rational Functions Polynomial and Rational Inequalities
Week 6		
	Monday October 18	Midterm Exam
	Wednesday December 15	Final Exam
Monday October 4	4.6 5.1 5.2	Polynomial and Rational Inequalities Inverse Functions Exponential Functions and Graphs
Wednesday October 6	5.2 5.3 5.4	Exponential Functions and Graphs Logarithmic Functions and Graphs Properties of Logarithmic Functions
Week 7		
	Monday October 18	Midterm Exam
	Wednesday December 15	Final Exam
Monday October 11	5.4 5.5 5.6	Properties of Logarithmic Functions Solving Exponential and Logarithmic Equations Applications and Models: Growth and Decay, and Compound Interest
Wednesday October 13	5.6	Applications and Models: Growth and Decay, and Compound Interest
	Review	<i>Review for Unit Exam #3 - Chapters 4 and 5 – Done in MML</i>
	Exam	<i>Unit Exam #3 - Chapters 4 and 5 – Due in MML</i>
	Review	Midterm Exam Review – Chapters 1, 2, 3, 4, and 5
	Midterm Exam	The Midterm Exam includes Chapters 1, 2, 3, 4, and 5

MAT 141.01 Fall 2021

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Day	Sections	Topics Covered and Assignments To Be Working On
Week 8		
	Monday October 18	Midterm Exam
	Wednesday December 15	Final Exam
Monday October 18	Midterm Exam Monday October 18	Midterm Exam – Chapters 1 – 5
Wednesday October 20	6.1	Trigonometric Functions of Acute Angles
Week 9		
	Wednesday December 15	Final Exam
Monday October 25	6.1 6.2	Trigonometric Functions of Acute Angles Applications of Right Triangles
Wednesday October 27	6.2	Applications of Right Triangles
Week 10		
	Wednesday December 15	Final Exam
Monday November 1	6.3 6.4	Trigonometric Functions of Any Angle Radians, Arc Length, and Angular Speed
Wednesday November 3	6.4 6.5	Radians, Arc Length, and Angular Speed Circular Functions: Graphs and Properties

MAT 141.01 Fall 2021

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Day	Sections	Topics Covered and Assignments To Be Working On
Week 11		
	Wednesday December 15	Final Exam
Monday November 8	6.5 6.6	Circular Functions: Graphs and Properties Graphs of Transformed Sine and Cosine Function
Wednesday November 10	6.6 7.1	Graphs of Transformed Sine and Cosine Function Identities: Pythagorean and Sum and Difference
Week 12		
	Wednesday December 15	Final Exam
Monday November 15	7.1 7.2 7.3	Identities: Pythagorean and Sum and Difference Identities: Cofunction, Double-Angle, and Half-Angle Proving Trigonometric Identities
Wednesday November 17	7.4	Inverses of the Trigonometric Functions
Week 13		
	Wednesday December 15	Final Exam
Monday November 22	7.5	Solving Trigonometric Equations
Wednesday November 24		Thanksgiving Holiday – No Classes
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Sunday November 28		Thanksgiving Holiday – No Classes

MAT 141.01 Fall 2021

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Day	Sections	Topics Covered and Assignments To Be Working On
Week 14		
	Wednesday December 15	Final Exam
Monday November 29	7.5 8.1 8.2	Solving Trigonometric Equations The Law of Sines The Law of Cosines
Wednesday December 1	8.1 8.2	The Law of Sines The Law of Cosines
Week 15		
	Wednesday December 15	Final Exam
Tuesday December 7	9.1 9.2 9.3	Systems of Equations in Two Variables Systems of Equations in Three Variables Matrices and Systems of Equations
Thursday December 9	10.1 10.2 10.3	The Parabola The Circle and the Ellipse The Hyperbola
		<i>Review for Unit Exam #4 - Chapters 6, 7 and 8 – Done in MML</i>
		<i>Unit Exam #4 - Chapters 6, 7 and 8 – Due in MML</i>
Week 16		
	Wednesday December 15	Final Exam
Monday December 13	Final Review Final Exam	Final Exam Review – Comprehensive The Final Exam is Comprehensive and will be given in class on December 15, 2021.
Wednesday December 15	Final Exam Wednesday December 15	Final Exam- given in class on December 15, 2021.
		<i>Note: The Last Day of this Class is December 15, 2021</i>