

MAT 141 Online Spring 2020

Course Calendar by Weeks with Assignments and Due Dates

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 by Weeks with Assignments and Due Dates.

The Course Calendar by Weeks 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 what sections and topics in the textbook need to be learned and completed each week in order to meet the due dates posted in “MyMathLab” under Do Homework, then Show All. The official due dates for the assignments are in MyMathLab.

On the **Course Calendar by Weeks**, you will find the various types of activities that we will be doing to receive a grade for this course. In order to complete the course, you must complete the requirements in each of the five categories: Homework, Quizzes, Discussion Forums/Link Analysis Paper, Unit Exams, the Midterm and the Final Exam.

You should also refer to the due dates found in [MyMathLab](#) to help you meet the official assignment due dates for 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 Monday.

If you have a personal question, e-mail me directly at BaarsonMonaG@jccmi.edu
When you e-mail, **put MAT141 Online in the subject line followed by your name.**

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Class Day	Sections	Topics Covered and Assignments To Be Working On
Week 1		
	May 18	MyMathLab - Get Signed Up Immediately!!!
	May 18	Send Intro Email to Instructor!!!
	June 29	Midterm Exam-Proctored During Zoom Class Time (10am-12pm)
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
<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 May 18	2.1 2.2	Increasing, Decreasing, and Piecewise Functions The Algebra of Function
Wednesday May 20	2.3 2.4	The Composition of Functions Symmetry

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Week 2		
	June 29	Midterm Exam-Proctored During Zoom Class Time (10am-12pm)
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday May 25		Memorial Day – No Classes
Wednesday May 27	2.5 2.6	Transformations Variation and Applications
Week 3		
	June 29	Midterm Exam-Proctored During Zoom Class Time (10am-12pm)
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday June 1	3.1 3.2 3.3	The Complex Numbers Quadratic Equations, Functions, Zeros, and Models Analyzing Graphs of Quadratic Functions
Wednesday June 3	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>
Week 4		
	June 29	Midterm Exam-Proctored During Zoom Class Time (10am-12pm)
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday June 8	4.1 4.2	Polynomial Functions and Modeling Graphing Polynomial Functions
Wednesday June 10	4.3 4.5	Polynomial Division; The Remainder and Factor Theorems Rational Functions

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Week 5		
	June 29	Midterm Exam-Proctored During Zoom Class Time (10am-12pm)
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday June 15	4.6 5.1	Polynomial and Rational Inequalities Inverse Functions
Wednesday June 17	5.2 5.3	Exponential Functions and Graphs Logarithmic Functions and Graphs
Week 6		
	June 29	Midterm Exam-Proctored During Zoom Class Time (10am-12pm)
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday June 22	5.4 5.5 5.6	Properties of Logarithmic Functions Solving Exponential and Logarithmic Equations 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>
Wednesday June 24	Review Midterm Exam	<i>Midterm Exam Review – Chapters 2, 3, 4, and 5</i> <i>Midterm Exam – Chapters 2, 3, 4, and 5 – Proctored During Zoom Class on June 29 from 10am to 12pm</i>
Week 7		
	June 29	Midterm Exam-Proctored During Zoom Class Time (10am-12pm)
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday June 29	Midterm Exam	Midterm Exam-Proctored During Zoom Class Time (1pm-3pm)
		Please see Videos on Chapter 6, 7, and 8 found in MML (in left tabs) and Blank Course Notes to fill in while watching videos
Wednesday July 1	6.1 6.2	Trigonometric Functions of Acute Angles Applications of Right Triangles

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Week 8		
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
		Please see Videos on Chapter 6, 7, and 8 found in MML (in left tabs) and Blank Course Notes to fill in while watching videos
Monday July 6	6.3	Trigonometric Functions of Any Angle
Wednesday July 8	6.4	Radians, Arc Length, and Angular Speed
Week 9		
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday July 13	6.5 6.6	Circular Functions: Graphs and Properties Graphs of Transformed Sine and Cosine Function
Wednesday July 15	7.1 7.2 7.3	Identities: Pythagorean and Sum and Difference Identities: Cofunction, Double-Angle, and Half-Angle Proving Trigonometric Identities
Week 10		
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday July 20	7.4 7.5	Inverses of the Trigonometric Functions Solving Trigonometric Equations
Wednesday July 22	7.4 7.5	Inverses of the Trigonometric Functions Solving Trigonometric Equations

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Week 11		
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday July 27	8.1 8.2	The Law of Sines The Law of Cosines
		Review for Unit Exam #4 - Chapters 6, 7 and 8 – Done in MML
		Unit Exam #4 - Chapters 6, 7 and 8 – Due in MML
Wednesday July 29	9.1 9.2 9.3	Systems of Equations in Two Variables Systems of Equations in Three Variables Matrices and Systems of Equations
Week 12		
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday August 3	10.1 10.2 10.3	The Parabola The Circle and the Ellipse The Hyperbola
Wednesday August 5	Final Review Final Exam	Final Exam Review – Comprehensive Final Exam – Comprehensive – Proctored During Zoom Class on August 10 from 10am to 12pm
Week 13		
	Aug 10	Final Exam-Proctored During Zoom Class Time (10am-12pm)
Monday August 10	Final Exam	Final Exam-Proctored During Zoom Class Time (10am-12pm)
		Note: The Last Day of this Class is August 10, 2020