MAT 141.I1 Online Spring 2022
Course Calendar for Dates that Sections will be Covered

First and foremost, it is extremely important that you understand that <mark>this is not a self-paced course!</mark> 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.I1 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 date**s for **the proctored Midterm** and the **proctored Final Exam**.

In order to complete the MAT 141.I1 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 Monday.

If you have a personal question, e-mail me directly at   **BaarsonMonaG@jccmi.edu**
When you e-mail, **put MAT141.I1Online in the subject line followed by your name**.

MAT 141.I1 Online Spring 2022
Course Calendar for Dates that Sections will be Covered

Class Day	Sections	Topics Covered and Assignments To Be Working On
Week 1		
	January 10	MyMathLab - Get Signed Up Immediately!!!
	January 10	Send Intro Email to Instructor!!!
	Monday February 28	Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)
	Wednesday April 27	Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)

- **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.**

(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.)

Exam #1a: Chapter R Post-Test (Required) – See MML for Due Date		
This will have a later due date than assignments from Chapter 2. 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.		
Exam #1b: Chapter 1 Post-Test (Required) – See MML for Due Date		
This will have a later due date than assignments from Chapter 2. 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.		

Class Day	Sections	Topics Covered and Assignments To Be Working On
		Please watch Videos on Chapter 2 found in MML (in left tabs) and fill in the Blank Course Notes while watching videos
Monday January 10	2.1 2.2	Course Introduction Increasing, Decreasing, and Piecewise Functions The Algebra of Functions
Wednesday January 12	2.3 2.4 2.5	The Composition of Functions Symmetry Transformations

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Class Day	Sections	Topics Covered and Assignments To Be Working On
Week 2		
	Monday February 28	**Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday January 17	2.4 2.5	Symmetry Transformations
Wednesday January 19	2.5 2.6 Project	Transformations Variation and Applications **Variation Project (to be completed and submitted through JetNet)**
Week 3		
	Monday February 28	**Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
		Please watch Videos on Chapter 3 found in MML (in left tabs) and fill in the Blank Course Notes while watching videos
Monday January 24	3.1 3.2	The Complex Numbers Quadratic Equations, Functions, Zeros, and Models
Wednesday January 26	3.3 3.4	Analyzing Graphs of Quadratic Functions Solving Rational Equations and Radical Equations
Week 4		
	Monday February 28	**Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday January 31	3.4 3.5	Solving Rational Equations and Radical Equations Solving Equations and Inequalities with Absolute Value
	Review	***Review for Unit Exam #2 - Chapters 2 and 3 – Done in MML***
	Exam	***Unit Exam #2 - Chapters 2 and 3 – Due in MML***
		Please watch Videos on Chapter 4 found in MML (in left tabs) and fill in the Blank Course Notes while watching videos
Wednesday February 2	4.1 4.2	Polynomial Functions and Modeling Graphing Polynomial Functions

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Day	Sections	Topics Covered and Assignments To Be Working On
Week 5		
Monday February 28	**Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**	
Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**	
Monday February 7	4.3 4.5	Polynomial Division; The Remainder and Factor Theorems Rational Functions
Wednesday February 9	4.5 4.6	Rational Functions Polynomial and Rational Inequalities
Week 6		
Monday February 28	**Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**	
Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**	
		Please watch Videos on Chapter 5 found in MML (in left tabs) and fill in the Blank Course Notes while watching videos
Monday February 14	4.6 5.1 5.2	Polynomial and Rational Inequalities Inverse Functions Exponential Functions and Graphs
Wednesday February 16	5.2 5.3 5.4	Exponential Functions and Graphs Logarithmic Functions and Graphs Properties of Logarithmic Functions

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Week 7		
	Monday February 28	**Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday February 21	5.4	Properties of Logarithmic Functions
	5.5	Solving Exponential and Logarithmic Equations
	5.6	Applications and Models: Growth and Decay, and Compound Interest
Wednesday February 23	5.6	Applications and Models: Growth and Decay, and Compound Interest
	Review	***Review for Unit Exam #3 - Chapters 4 and 5 – Done in MML***
	Exam	***Unit Exam #3 - Chapters 4 and 5 – Due in MML***
	Review Midterm Exam	**Midterm Exam Review – Chapters 1, 2, 3, 4, and 5** **The Midterm Exam includes Chapters 1, 2, 3, 4, and 5 and will be proctored.** **Proctored During Zoom Class on February 28, 2022** **Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Week 8		
	Monday February 28	**Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday February 28	**Midterm Exam Monday February 28**	**Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
		Please watch Videos on Chapter 6 found in MML (in left tabs) and fill in the Blank Course Notes while watching videos
Wednesday March 2	6.1	Trigonometric Functions of Acute Angles
Week 9		
March 7 – 13	**No Classes**	**Mid-Semester Break**

Day	Sections	Topics Covered and Assignments To Be Working On
Week 10		
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday March 14	6.1 6.2	Trigonometric Functions of Acute Angles Applications of Right Triangles
Wednesday March 16	6.2	Applications of Right Triangles
Week 11		
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday March 21	6.3 6.4	Trigonometric Functions of Any Angle Radians, Arc Length, and Angular Speed
Wednesday March 23	6.4 6.5	Radians, Arc Length, and Angular Speed Circular Functions: Graphs and Properties
Week 12		
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday March 28	6.5 6.6	Circular Functions: Graphs and Properties Graphs of Transformed Sine and Cosine Function
Wednesday March 30	6.6 7.1	Graphs of Transformed Sine and Cosine Function Identities: Pythagorean and Sum and Difference
Week 13		
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
		Please watch Videos on Chapter 7 and 8 found in MML (in left tabs) and fill in the Blank Course Notes while watching videos
Monday April 4	7.1 7.2 7.3	Identities: Pythagorean and Sum and Difference Identities: Cofunction, Double-Angle, and Half-Angle Proving Trigonometric Identities
Wednesday April 6	7.4	Inverses of the Trigonometric Functions
Week 14		
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday April 11	7.5	Solving Trigonometric Equations
Wednesday April 13	7.5 8.1 8.2	Solving Trigonometric Equations The Law of Sines The Law of Cosines

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Week 15		
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
		Please watch Videos on Chapter 9 and 10 found in MML (in left tabs) and fill in the Blank Course Notes while watching videos
Monday April 18	8.2 9.1 9.2 9.3	The Law of Cosines Systems of Equations in Two Variables Systems of Equations in Three Variables Matrices and Systems of Equations
Wednesday April 20	10.1 10.2 10.3	The Parabola The Circle and the Ellipse The Hyperbola
		Review for Unit Exam #4 - Chapters 6, 7 and 8 – Done in MML
		Unit Exam #4 - Chapters 6, 7 and 8 – Due in MML
Week 16		
	Wednesday April 27	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Monday April 25	**Final Review Final Exam**	**Final Exam Review – Comprehensive** **The Final Exam is Comprehensive and will be proctored.** **Proctored During Zoom Class on April 27, 2022** **Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm)** **or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
Wednesday April 27	**Final Exam Wednesday April 27**	**Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)**
		Note: The Last Day of this Class is April 27, 2021