

# **MAT 154.I1 Online Spring 2022**

## **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 154.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 dates for the proctored Midterm and the proctored Final Exam**.

In order to complete the MAT 154.I1 course, you must complete the requirements in each of the six categories: MML Homework/Classwork Worksheets, MML Quizzes, Unit Exams, 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](mailto:BaarsonMonaG@jccmi.edu)  
When you e-mail, **put MAT154.I1 Online in the subject line followed by your name.**

# MAT 154.I1 Online Spring 2022

## Course Calendar for Dates that Sections will be Covered

Class Day	Sections	Topics Covered and Assignments To Be Working On
<b>Week 1</b>		
	<b>January 12</b>	<b>MyMathLab - Get Signed Up Immediately!!!</b>
	<b>January 12</b>	<b>Send Intro Email to Instructor!!!</b>
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday January 10	4.9 5.5 5.5	Course Introduction Antiderivatives and Indefinite Integration(review) Integration by Substitution (review) Inverse Trigonometric Functions : Integration (review)
Wednesday January 12	5.5 6.2	Inverse Trigonometric Functions : Integration (review) Regions Between Curves
<b>Week 2</b>		
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday January 17	6.2 6.3	Regions Between Curves Volume by Slicing – Disk and Washer Method
Monday January 19	6.3 6.4	Volume by Slicing – Disk and Washer Method Volume by Shells
<b>Week 3</b>		
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday January 24	6.4 6.5	Volume by Shells Length of Curves
Wednesday January 26	6.6	Surface Area
	<b>Review Exam</b>	<b><i>Review for Unit Exam #1 – Chapters 4.9, 5.5, 6.2-6.6 Unit Exam #1 - Chapters 4.9, 5.5, 6.2-6.6</i></b>

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<b>Week 4</b>		
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday January 31	6.1	Velocity and Net Change
Wednesday February 2	6.7	Physical Applications – Density and Mass/ Work/ Force and Pressure
<b>Week 5</b>		
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday February 7	6.7 7.1	Physical Applications – Density and Mass/ Work/ Force and Pressure Logarithmic and Exponential Functions Revisited
Wednesday February 9	7.2	Exponential Models
	7.3	Hyperbolic Functions
	<b>Review Exam</b>	<b>Review for Unit Exam #2 – Chapter 6.1,6.7-7.3 Unit Exam #2 – Chapter 6.1,6.7-7.3</b>
<b>Week 6</b>		
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday February 14	8.1 8.2	Integration Techniques – Basic Approaches Integration by Parts
Wednesday February 16	8.3 8.4	Trigonometric Integrals Trigonometric Substitutions

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<b>Week 7</b>		
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday February 21	8.5 8.6	Partial Fractions Integration Strategies
Wednesday February 23	8.7	Other Methods of Integration (Tables)
	<b>Review Exam</b>	<b>Review for Unit Exam #3 – Chapter 8.1 – 8.7 Unit Exam #3 – Chapter 8.1 – 8.7</b>
	<b>Review Midterm Exam</b>	Midterm Exam Review – Chapters 6, 7, and 8  The Midterm Exam includes Chapters 6, 7, and 8 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)
<b>Week 8</b>		
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
<b>Monday February 28</b>	<b>Midterm Exam Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Wednesday March 2	4.7 8.9	L'Hopital's Rule Improper Integrals
<b>Week 9</b>		
<b>March 7 – 13</b>	<b>No Classes</b>	<b>Mid-Semester Break</b>

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Day	Sections	Topics Covered and Assignments To Be Working On
<b>Week 10</b>		
	<b>Monday February 28</b>	<b>Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Midterm Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday March 14	9.1 9.2 9.3	Basic Ideas: Introduction to Differential Equations Direction Fields Separable Differential Equations
Wednesday March 16	9.4 9.5	Special First-Order Linear Differential Equations Modeling with Differential Equations
<b>Week 11</b>		
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday March 21	<b>Review Exam</b>	<b>Review for Unit Exam #4—Chapters 4.7, 8.9, and 9.1–9.3 Unit Exam #4—Chapters 4.7, 8.9, and 9.1–9.3</b>
	10.1 10.2	An Overview – Sequences and Infinite Series Sequences
Monday March 23	10.3	Infinite Series
<b>Week 12</b>		
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday March 28	10.4 10.5 10.6	The Divergence and Integral Tests Comparison Tests Alternating Series
Wednesday March 30	10.7 10.8	The Ratio and Root Tests Choosing a Convergence Test
<b>Week 13</b>		
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday April 4	11.1 11.2	Approximating Functions with Polynomials Properties of Power Series
Wednesday April 6	11.2 11.3	Properties of Power Series Taylor Series

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<b>Week 14</b>		
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday April 11	<b>Review Exam</b>	<b>Review for Unit Exam #5–Chapters 10 and 11 Unit Exam #5–Chapters 10 and 11</b>
	12.4 Part I 12.1	Conic Sections Parametric Equations
Wednesday April 13	12.4 Part I 12.1 12.2	Conic Sections Parametric Equations Polar Coordinates
<b>Week 15</b>		
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday April 18	12.2 12.3	Polar Coordinates Calculus in Polar Coordinates
Wednesday April 20	12.3 12.4 Part II	Calculus in Polar Coordinates Polar Equations and Conics
<b>Week 16</b>		
	<b>Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
Monday April 25	<b>Final Review Final Exam</b>	<b>Final Exam Review – Comprehensive</b>  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)
<b>Wednesday April 27</b>	<b>Final Exam Wednesday April 27</b>	<b>Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) or Final Exam-Proctored During Zoom Class Time (5:30pm-8:30pm)</b>
		<b>Note: The Last Day of this Class is April 27, 2022</b>