MAT 154.01 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 154.01 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 date**s for **the proctored Midterm** and the **proctored Final Exam**.

In order to complete the MAT 154.01 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 Tuesday.

If you have a personal question, e-mail me directly at **BaarsonMonaG@jccmi.edu**
When you e-mail, **put MAT154.01 in the subject line followed by your name**.

MAT 154.01 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 11	**MyMathLab - Get Signed Up Immediately!!!**
	January 11	**Send Intro Email to Instructor!!!**
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday January 11		Course Introduction
	4.9	Antiderivatives and Indefinite Integration(review)
	5.5	Integration by Substitution (review)
	5.5	Inverse Trigonometric Functions : Integration (review)
Thursday January 13	5.5	Inverse Trigonometric Functions : Integration (review
	6.2	Regions Between Curves
Week 2		
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday January 18	6.2	Regions Between Curves
	6.3	Volume by Slicing – Disk and Washer Method
Tuesday January 20	6.3	Volume by Slicing – Disk and Washer Method
	6.4	Volume by Shells
Week 3		
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday January 25	6.4	Volume by Shells
	6.5	Length of Curves
Thursday January 27	6.6	Surface Area
	Review Exam	***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***

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Week 4		
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday February 1	6.1	Velocity and Net Change
Thursday February 3	6.7	Physical Applications – Density and Mass/ Work/ Force and Pressure
Week 5		
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday February 8	6.7 7.1	Physical Applications – Density and Mass/ Work/ Force and Pressure Logarithmic and Exponential Functions Revisited
Thursday February 10	7.2 7.3	Exponential Models Hyperbolic Functions
	Review Exam	**Review for Unit Exam #2 – Chapter 6.1,6.7-7.3** **Unit Exam #2 – Chapter 6.1,6.7-7.3**
Week 6		
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday February 15	8.1 8.2	Integration Techniques – Basic Approaches Integration by Parts
Thursday February 17	8.3 8.4	Trigonometric Integrals Trigonometric Substitutions

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Day	Sections	Topics Covered and Assignments To Be Working On
Week 7		
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday February 22	8.5 8.6	Partial Fractions Integration Strategies
Thursday February 24	8.7	Other Methods of Integration (Tables)
	Review Exam	**Review for Unit Exam #3 – Chapter 8.1 – 8.7** **Unit Exam #3 – Chapter 8.1 – 8.7**
	Review Midterm Exam	**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 March 1, 2022** **Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
Week 8		
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday March 1	**Midterm Exam Tuesday March 1**	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
Thursday March 3	4.7 8.9	L'Hopital's Rule Improper Integrals
Week 9		
March 7 – 13	**No Classes**	**Mid-Semester Break**

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Week 10		
	Tuesday March 1	**Midterm Exam-Proctored During Class Time (8:30am-11:30am)**
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday March 15	9.1 9.2 9.3	Basic Ideas: Introduction to Differential Equations Direction Fields Separable Differential Equations
Thursday March 17	9.4 9.5	Special First-Order Linear Differential Equations Modeling with Differential Equations
Week 11		
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday March 22	**Review Exam** 10.1 10.2	**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** An Overview – Sequences and Infinite Series Sequences
Tuesday March 24	10.3	Infinite Series
Week 12		
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday March 29	10.4 10.5 10.6	The Divergence and Integral Tests Comparison Tests Alternating Series
Thursday March 31	10.7 10.8	The Ratio and Root Tests Choosing a Convergence Test
Week 13		
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday April 5	11.1 11.2	Approximating Functions with Polynomials Properties of Power Series
Thursday April 7	11.2 11.3	Properties of Power Series Taylor Series

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Week 14		
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday April 12	**Review Exam**	**Review for Unit Exam #5–Chapters 10 and 11 Unit Exam #5–Chapters 10 and 11**
	12.4 Part I 12.1	Conic Sections Parametric Equations
Thursday April 14	12.4 Part I 12.1 12.2	Conic Sections Parametric Equations Polar Coordinates
Week 15		
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday April 19	12.2 12.3	Polar Coordinates Calculus in Polar Coordinates
Thursday April 21	12.3 12.4 Part II	Calculus in Polar Coordinates Polar Equations and Conics
Week 16		
	Thursday April 28	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
Tuesday April 26	**Final Review Final Exam**	**Final Exam Review – Comprehensive The Final Exam is Comprehensive and will be proctored. Proctored During Class on April 28, 2022 Final Exam-Proctored During Class Time (8:30am-11:30am)**
Thursday April 28	**Final Exam Thursday April 28**	**Final Exam-Proctored During Class Time (8:30am-11:30am)**
		Note: The Last Day of this Class is April 28, 2022