

MAT 141.I1 Online 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.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 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 Tuesday.

If you have a personal question, e-mail me directly at BaarsonMonaG@jccmi.edu
When you e-mail, **put MAT141.I1 Online in the subject line followed by your name.**

MAT 141.I1 Online 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 31 | MyMathLab - Get Signed Up Immediately!!! |
| | August 31 | Send Intro Email to Instructor!!! |
| | Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| <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> | | |
| | | |
| Tuesday August 31 | 2.1 2.2 | Course Introduction Increasing, Decreasing, and Piecewise Functions The Algebra of Functions |
| Thursday September 2 | 2.3 2.4 2.5 | The Composition of Functions Symmetry Transformations |
| | | |

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|--------------------------|---------------------------------|--|
| Week 2 | | |
| | Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | | |
| Tuesday September 7 | 2.3 2.4 2.5 | The Composition of Functions Symmetry Transformations |
| Thursday September 9 | 2.5 2.6 Project | Transformations Variation and Applications Variation Project (to be completed and submitted through JetNet) |
| Week 3 | | |
| | Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | | |
| Tuesday September 14 | 3.1 3.2 | The Complex Numbers Quadratic Equations, Functions, Zeros, and Models |
| Thursday September 16 | 3.3 3.4 | Analyzing Graphs of Quadratic Functions Solving Rational Equations and Radical Equations |
| Week 4 | | |
| | Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday September 21 | 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> |
| Thursday September 23 | 4.1 4.2 | Polynomial Functions and Modeling Graphing Polynomial Functions |

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| Week 5 | | |
| | Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday September 28 | 4.3 4.5 | Polynomial Division; The Remainder and Factor Theorems Rational Functions |
| Thursday September 30 | 4.5 4.6 | Rational Functions Polynomial and Rational Inequalities |
| Week 6 | | |
| | Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday October 5 | 4.6 5.1 5.2 | Polynomial and Rational Inequalities Inverse Functions Exponential Functions and Graphs |
| Thursday October 7 | 5.2 5.3 5.4 | Exponential Functions and Graphs Logarithmic Functions and Graphs Properties of Logarithmic Functions |
| Week 7 | | |
| | Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday October 12 | 5.4 5.5 5.6 | Properties of Logarithmic Functions Solving Exponential and Logarithmic Equations Applications and Models: Growth and Decay, and Compound Interest |
| Thursday October 14 | 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 | Midterm Exam Review – Chapters 2, 3, 4, and 5 The Midterm Exam includes Chapters 2, 3, 4, and 5 and will be proctored. Proctored During Zoom Class on October 14, 2021 Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |

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| Day | Sections | Topics Covered and Assignments To Be Working On |
|-------------------------------|--|--|
| Week 8 | | |
| | Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | | |
| Tuesday October 19 | Midterm Exam Tuesday October 19 | Midterm Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Midterm Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Thursday October 21 | 6.1 | Trigonometric Functions of Acute Angles |
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| Week 9 | | |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | | |
| Tuesday October 26 | 6.1 6.2 | Trigonometric Functions of Acute Angles Applications of Right Triangles |
| Thursday October 28 | 6.2 | Applications of Right Triangles |
| | | |
| Week 10 | | |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | | |
| Tuesday November 2 | 6.3 6.4 | Trigonometric Functions of Any Angle Radians, Arc Length, and Angular Speed |
| Thursday November 4 | 6.4 6.5 | Radians, Arc Length, and Angular Speed Circular Functions: Graphs and Properties |

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|----------------------------------|---------------------------------|--|
| Week 11 | | |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday November 9 | 6.5 6.6 | Circular Functions: Graphs and Properties Graphs of Transformed Sine and Cosine Function |
| Thursday November 11 | 6.6 7.1 | Graphs of Transformed Sine and Cosine Function Identities: Pythagorean and Sum and Difference |
| Week 12 | | |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday November 16 | 7.1 7.2 7.3 | Identities: Pythagorean and Sum and Difference Identities: Cofunction, Double-Angle, and Half-Angle Proving Trigonometric Identities |
| Thursday November 18 | 7.4 | Inverses of the Trigonometric Functions |
| Week 13 | | |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday November 23 | 7.5 | Solving Trigonometric Equations |
| Wednesday November 24 | | Thanksgiving Holiday – No Classes |
| ---- | | Thanksgiving Holiday – No Classes |
| Sunday November 28 | | Thanksgiving Holiday – No Classes |

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|-------------------------|---------------------------------------|--|
| Week 14 | | |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday November 30 | 7.5 8.1 8.2 | Solving Trigonometric Equations The Law of Sines The Law of Cosines |
| Thursday December 2 | 8.1 8.2 | The Law of Sines The Law of Cosines |
| Week 15 | | |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| 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 | | |
| | Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Tuesday December 14 | Final Review Final Exam | Final Exam Review – Comprehensive The Final Exam is Comprehensive and will be proctored. Proctored During Zoom Class on December 16, 2021 Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| Thursday December 16 | Final Exam Thursday December 16 | Final Exam-Proctored During Zoom Class Time (10:00am-1:00pm) or Final Exam-Proctored During Zoom Class Time (1:30pm-4:30pm) |
| | | <i>Note: The Last Day of this Class is December 16, 2021</i> |