

# MAT 039 Online Spring 2015

## 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 course that comes after this, namely College Algebra, 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.**

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 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](mailto:BaarsonMonaG@jccmi.edu)  
When you e-mail, **put MAT 039 Online in the subject line followed by your name.**

# MAT 039 Online Spring 2015

## Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
<b>Week 1</b>	<b>Due by May 18</b>	<b>MyMathLab - Get Signed Up Immediately!!!</b>
	<b>Due by May 20</b>	<b>Proctor Selection Form – Quiz in MyMathLab/CourseCompass</b>
	<b>Due by May 20</b>	<b>Proctor Selection Form – Fill Out and Send to Instructor</b>
	<b>Due by May 24</b>	<b>Unit One: Week 1: Discussion 1 - Self Introduction</b>
	<b>Due by May 31</b>	<b>Unit One: Week 2: Discussion 2 - Online Experience Thus Far</b>
	<b>Due by June 29</b>	<b>Midterm Exam</b>
	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
May 18 to	1.1	Variables and Constants
May 23	2.1	Expressions
	2.2	Operations with Fractions
	2.3-2.5	Operations on Real Numbers, Ratios and Percents
	Supp.	Weighted Averages; Unit Analysis
	2.6	Exponents and Order of Operations
<b>Week 2</b>		
	<b>Due by May 24</b>	<b>Unit One: Week 1: Discussion 1 - Self Introduction</b>
	<b>Due by May 31</b>	<b>Unit One: Week 2: Discussion 2 - Online Experience Thus Far</b>
	<b>Due by June 29</b>	<b>Midterm Exam</b>
	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
May 24 to	2.3-2.5	Operations on Real Numbers, Ratios and Percents
May 30	Supp.	Weighted Averages; Unit Analysis
	2.6	Exponents and Order of Operations
	<b>Review</b>	<b><i>Review for Chapter 2 Exam – Chapters 1.1 and 2</i></b>
	<b>Exam</b>	<b><i>Chapter 2 Exam (MML) - Chapters 1.1 and 2</i></b>
	1.2	Scattergrams
	1.3	Exact Linear Relationships
	1.4	Approximate Linear Relationships
	3.1	Graphing Equations of the Form $y=mx+b$
	3.2	Graphing Linear Models; Unit Analysis
	3.3	Slope of a Line

## MAT 039 Online Spring 2015

### Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
<b>Week 3</b>		
	<b>Due by May 31</b>	<b>Unit One: Week 2: Discussion 2 - Online Experience Thus Far</b>
May 31 to	<b>Due by June 29</b>	<b>Midterm Exam</b>
June 6	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
	<b>Review</b>	<b><i>Review for Chapter 1 Exam – Chapters 1.2, 1.3 and 1.4</i></b>
	<b>Exam</b>	<b><i>Chapter 1 Exam (MML) – Chapters 1.2, 1.3 and 1.4</i></b>
	3.1	Graphing Equations of the Form $y=mx+b$
	3.2	Graphing Linear Models; Unit Analysis
	3.3	Slope of a Line
	3.4	Using Slope to Graph Linear Equations
	3.5	Rate of Change
<b>Week 4</b>		
	<b>Due by June 29</b>	<b>Midterm Exam</b>
	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
June 7 to	3.5	Rate of Change
June 13	<b>Review</b>	<b><i>Review for Chapter 3 Exam</i></b>
	<b>Exam</b>	<b><i>Chapter 3 Exam (MML)</i></b>
	4.1	Commutative, Associative, and Distributive Laws
	4.2	Simplifying Expressions
	4.3	Solving Linear Equations in One Variable
	4.4	Solving More Linear Equations in One Variable
	4.5	Comparing Expressions and Equations
	4.6	Formulas

# MAT 039 Online Spring 2015

## Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
Week 5		
	<b>Due by June 29</b>	<b>Midterm Exam</b>
June 14 to June 20	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
	4.4	Solving More Linear Equations in One Variable
	4.5	Comparing Expressions and Equations
	4.6	Formulas
	<b>Review</b>	<b><i>Review for Chapter 4 Exam</i></b>
	<b>Exam</b>	<b><i>Chapter 4 Exam (MML)</i></b>
	5.1	Graphing Linear Equations
	5.2	Functions
	5.3	Function Notation
	5.4	Finding Linear Equations
	5.5	Finding Equations of Linear Models
	<b>Review</b>	<b><i>Midterm Review – Review Found in MML</i></b>
	<b>Exam</b>	<b><i>Midterm Exam - Chapters 1, 2, 3, 4 and 5 (see below)</i></b>
		<p><b><u>Please Note: The Midterm Exam must be taken in a proctored environment. The Midterm Exam is a paper and pencil exam in which all work must be shown to receive full credit.</u></b></p> <p><b>The Midterm exam must be</b></p> <p><b>Postmarked or taken in JCC Testing on or before:</b></p> <p><b>June 29, 2015</b></p>

## MAT 039 Online Spring 2015

### Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
Week 6		
	<b>Due by June 29</b>	<b>Midterm Exam</b>
	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
June 21 to	<b>Review</b>	<i>Review for Chapter 4 Exam</i>
June 27	<b>Exam</b>	<i>Chapter 4 Exam (MML)</i>
	5.3	Function Notation
	5.4	Finding Linear Equations
	5.5	Finding Equations of Linear Models
	5.6	Using Function Notation with Linear Models to Make Estimations and Predictions
	5.7	Solving Linear Inequalities in One Variable
	<b>Review</b>	<i>Midterm Review – Review Found in MML</i>
	<b>Exam</b>	<i>Midterm Exam - Chapters 1, 2, 3, 4 and 5 (see below)</i>
		<p><b><u>Please Note: The Midterm Exam must be taken in a proctored environment. The Midterm Exam is a paper and pencil exam in which all work must be shown to receive full credit.</u></b></p> <p><b>The Midterm exam must be Postmarked or taken in JCC Testing on or before: June 29, 2015</b></p>

## MAT 039 Online Spring 2015

### Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
Week 7		
	<b>Due by June 29</b>	<b>Midterm Exam</b>
	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
June 28 to	<b>Review</b>	<i>Review for Chapter 5 Exam</i>
July 4	<b>Exam</b>	<i>Chapter 5 Exam (MML)</i>
(MML)		
	6.1	Using Graphs and Tables to Solve Systems
	6.2-6.3	Using Substitution & Elimination to Solve Systems
	6.4	Using Systems to Model Data
	6.5	Perimeter, Value, Interest, and Mixture Problems
	<b>Review</b>	<i>Midterm Review – Review Found in MML</i>
	<b>Exam</b>	<i>Midterm Exam - Chapters 1, 2, 3, 4 and 5 (see below)</i>
		<p><b><u>Please Note: The Midterm Exam must be taken in a proctored environment. The Midterm Exam is a paper and pencil exam in which all work must be shown to receive full credit.</u></b></p> <p><b>The Midterm exam must be</b></p> <p><b>Postmarked or taken in JCC Testing on or before:</b></p> <p><b>June 29, 2015</b></p>

## MAT 039 Online Spring 2015

### Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
<b>Week 8</b>		
	<b>Due by June 29</b>	<b>Midterm Exam</b>
	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
	6.1	Using Graphs and Tables to Solve Systems
	6.2-6.3	Using Substitution & Elimination to Solve Systems
	6.4	Using Systems to Model Data
	6.5	Perimeter, Value, Interest, and Mixture Problems
	<b>Review</b>	<b><i>Review for Chapter 6 Exam</i></b>
	<b>Exam</b>	<b><i>Chapter 6 Exam (MML)</i></b>
July 5 to	7.1	Adding and Subtracting Polynomial Expressions and Functions
July 11	7.2	Multiplying Polynomial Expressions and Functions
	7.3	Powers of Polynomials; Product of Binomial Conjugates
	7.4	Properties of Exponents
	7.5	Dividing Polynomials: Long Division and Synthetic Division

## MAT 039 Online Spring 2015

### Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
<b>Week 9</b>		
	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
July 12 to	7.1	Adding and Subtracting Polynomial Expressions and Functions
July 18	7.2	Multiplying Polynomial Expressions and Functions
	7.3	Powers of Polynomials; Product of Binomial Conjugates
	7.4	Properties of Exponents
	7.5	Dividing Polynomials: Long Division and Synthetic Division
	<b>Review</b>	<b><i>Review for Chapter 7 Exam</i></b>
	<b>Exam</b>	<b><i>Chapter 7 Exam (MML)</i></b>
	8.1	Factoring Trinomials of the Form $x^2+bx+c$ and Differences of Two Squares
	8.2	Factoring Out the GCF; Factoring by Grouping
	8.3	Factoring Trinomials of the Form $ax^2+bx+c$
	<b>Review</b>	<b><i>Comprehensive Final Exam Review – Review Found in MML</i></b>
	<b>Exam</b>	<b><i>Comprehensive Final Exam (see below)</i></b>
		<p><b><u>Please Note: The Final Exam must be taken in a proctored environment. The Final Exam is a paper and pencil exam in which all work must be shown to receive full credit.</u></b></p> <p><b>The Comprehensive Final Exam must be Postmarked or taken in JCC Testing on or before:</b></p> <p style="text-align: center;"><b>August 3, 2015</b></p>



## MAT 039 Online Spring 2015

### Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
<b>Week 10</b>		
	<b>Due by July 13</b>	<b>Link Analysis Paper</b>
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
July 19 to	8.4	Sums and Differences of Cubes: A Factoring Strategy
July 25	8.5	Using Factoring to Solve Polynomial Equations
	8.6	Using Factoring to Make Predictions with Quadratic Models
	<b>Review</b>	<b><i>Review for Chapter 8 Exam</i></b>
	<b>Exam</b>	<b><i>Chapter 8 Exam (MML)</i></b>
	9.1	Graphing Quadratic Functions in Vertex Form
	9.2	Graphing Quadratic Function in Standard Form
	9.3	Simplifying Radical Expressions
	<b>Review</b>	<b><i>Comprehensive Final Exam Review – Review Found in MML</i></b>
	<b>Exam</b>	<b><i>Comprehensive Final Exam (see below)</i></b>
		<p><b><u>Please Note: The Final Exam must be taken in a proctored environment. The Final Exam is a paper and pencil exam in which all work must be shown to receive full credit.</u></b></p> <p><b>The Comprehensive Final Exam must be Postmarked or taken in JCC Testing on or before:</b></p> <p style="text-align: center;"><b>August 3, 2015</b></p>

## MAT 039 Online Spring 2015

### Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
Week 11		
	<b>Due by Aug. 3</b>	<b>Final Exam</b>
July 26 to	<b>Review</b>	<i>Review for Chapter 8 Exam</i>
Aug 1	<b>Exam</b>	<i>Chapter 8 Exam (MML)</i>
	9.1	Graphing Quadratic Functions in Vertex Form
	9.2	Graphing Quadratic Function in Standard Form
	9.3	Simplifying Radical Expressions
	9.4	Using the Square Root Property to Solve Quadratic Equations
	9.6	Using the Quadratic Formula to Solve Quadratic Equations
	9.7	Solving Systems of Linear Equations in Three Variables; Finding Quadratic Functions
	9.8	Finding Quadratic Models
	9.9	Modeling with Quadratic Functions
	<b>Review</b>	<b><i>Comprehensive Final Exam Review – Review Found in MML</i></b>
	<b>Exam</b>	<b><i>Comprehensive Final Exam (see below)</i></b>
		<p><b><u>Please Note: The Final Exam must be taken in a proctored environment. The Final Exam is a paper and pencil exam in which all work must be shown to receive full credit.</u></b></p> <p><b>The Comprehensive Final Exam must be</b></p> <p><b>Postmarked or taken in JCC Testing on or before:</b></p> <p><b>August 3, 2015</b></p>

## MAT 039 Online Spring 2015

### Course Calendar by Weeks with Assignments and Due Dates

Day	Sections	Topics Covered and Assignments To Be Working On
Week 12		
	<b>Due by August 3</b>	<b>Final Exam</b>
Aug 2 to Aug 10	<b>Review Exam</b>	<b><i>Comprehensive Final Exam Review – Review Found in MML</i></b> <b><i>Comprehensive Final Exam (see below)</i></b>
		<p><b><u>Please Note: The Final Exam must be taken in a proctored environment. The Final Exam is a paper and pencil exam in which all work must be shown to receive full credit.</u></b></p> <p><b>The Comprehensive Final Exam must be Postmarked or taken in JCC Testing on or before: August 3, 2015</b></p>
	<b>Review</b>	<b><i>Review for Chapter 9 Exam</i></b>
	<b>Exam</b>	<b><i>Chapter 9 Exam (MML)</i></b>
		<b><i>Finish up assignments in MML</i></b>
		<b><i>Note: The Last Day of this Class is August 10, 2015 at 11:59 am ( or Noon)</i></b>