# MTH 112 – 80  Precalculus Algebra Online Course

3 credit hours  Summer 2015

**MyMathlab (MML) Course ID: 66382**

## Course Information

### Prerequisite(s)

Students are required to complete one or more of the following prerequisites for this course. Students who enroll without completing one or more of the following prerequisites for this course may be withdrawn by the College and may not qualify for a refund of tuition. It is the responsibility of the student to ensure that one or more of the following prerequisites have been completed and are documented at the College.

Pre-requisites for Math 112:
- A COMPASS score of 63 or higher on Algebra section or 0 – 45 on the College Algebra section
- A transcript on file verifying a grade of “C” or higher in MTH 100 (or an equivalent math course)
- A score of 25 or higher on the Mathematics portion of the ACT, or a score of 580 or higher on the Mathematics portion of the SAT

### Course Description

This course emphasizes the algebra of functions - including polynomial, rational, exponential, and logarithmic functions. The course also covers systems of equations and inequalities, quadratic inequalities, and the Binomial Theorem. Additional topics may include matrices, Cramer's Rule, and mathematical induction.

### Course Objectives

The objective of this course is to provide an understanding of concepts, develop competent skills, and demonstrate applications in the following areas: analytic and geometric interpretation of algebraic, exponential, and logarithmic functions and analytic and geometric interpretation of systems of equations and inequalities. While building on the manipulative skills from algebra this course strives to develop analytic skills as a preparation for further mathematical applications or courses in mathematics requiring knowledge of algebraic and transcendental functions.

### Student Learning Outcomes

The five general education areas for the college are mathematical skills, computer skills, writing skills, oral communication skills, and critical thinking skills. The student will demonstrate competence in applying algebraic skills and concepts, applying coordinate geometry, and analyzing functions. The student will also demonstrate knowledge of topics in preparation for calculus and a competence in critical thinking skills.

### Textbook / Materials

This course uses an e-book, which is part of the MyMathLab software required for this course. The e-book is accessed via the MyMathLab access code. Also suggested is a Guided Notebook.

**NOTE:** MyMathLab stand-alone access codes for OTHER courses will NOT work for this class.

**MyMathLab Starter Kit for the Trigsted book.** REQUIRED!!!!

College Algebra Guided Notebook (3rd Edition). Author: Trigsted, Kirk. OPTIONAL – see Course Orientation Video in Blackboard for more information

### Calculator Use

A graphing calculator is required for this class. Students may use calculators on exams; however, some portions of the exam may NOT allow calculator usage (graphing and/or scientific). Students may NOT use calculators in which they have stored formulas, equations, data, etc. in the memory of that calculator. **Recommended calculators are the TI 83 / 84–plus and TI 89.** Because certain calculators perform skills and operations that students are expected to know as part of the course objectives (solving an equation using the quadratic formula, etc.) work must be shown on tests in order to receive credit. **Again, there may be some portions of the tests or exam in which calculators will not be allowed.**

### Grading

- **Comprehensive final exam, 30%**
- **3 tests with a combined weight of 48%** (Up to 20% of each test may come from old material)
- **Quiz average, 12%**

Online Homework Assessment AND Graphing Homework on Blackboard, 10%

**PLEASE NOTE:** MyMathLab averages reported within software will sometimes take into account all attempts on submitted work only. When computing quiz averages, the BEST score will be taken from each assignment and used in calculating the average for that particular category.

### Tests (48%)

There will be 3 tests throughout the semester. Tests must be taken on the Shelton State Community College's Martin Campus on the dates outlined on the syllabus and MyMathLab. A picture ID will be required to take the test. Each test will constitute 16% of the total course grade. Information regarding test days and times can be found in Blackboard and on the syllabus. Students may come by during office hours to pick up tests once grades and solutions have been posted.

Online Homework Assessment (MML) AND Graphing Homework on Blackboard (10%)

Online homework assessment requirements will be given for each section. Graphing Homework assignments must be downloaded from Blackboard and turned in to instructor with accompanying work attached. Most homework assignments will be completed within MyMathLab. Each homework assignment will be due on the assigned dates scheduled within MyMathLab. Due dates for homework will coincide with the due dates of quizzes. Each homework assignment grade will be equally weighted and your collective homework average will be 10% of your total course grade.

**Please note:** MML homework is an overview of the material covered in each section; therefore, students must supplement MML homework with eBook exercises and practice test problems posted on Blackboard in order to fully prepare themselves for tests.
<table>
<thead>
<tr>
<th>Quiz (12%)</th>
<th>Quizzes will be given for each section. Each quiz will be due on the assigned dates within MyMathLab. Due dates for quizzes will coincide with the due dates of homework assignment due dates. All quizzes will be taken and submitted within MyMathLab. Each quiz will be equally weighted and your collective quiz average will be 12% of your total course grade.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Examination (30%)</td>
<td>The final exam is comprehensive. The final exam must be taken on the Shelton State Community College’s Martin Campus on the date outlined on the syllabus and Blackboard. A picture ID will be required to take the final. The final exam will be 30% of the total course grade. Material on the final will be equally distributed throughout all of the sections. Dates and times available for the final exam will be posted under the Testing Information section in Blackboard. Any scheduling conflicts must be resolved before the final exam date. <strong>All students must take the final exam. Students who take all tests and fully complete all homework assignments and quizzes may replace their lowest test grade with the exam if the exam grade is higher.</strong></td>
</tr>
<tr>
<td>Final Examination</td>
<td><strong>Monday, August 3</strong> 8:00 a.m. – 10:00 a.m.  <strong>Room 2901</strong> OR  <strong>Tuesday, August 4</strong> 5:00 p.m. – 7:00 p.m.  <strong>Room 2255</strong></td>
</tr>
<tr>
<td>Tutors and Office of Specialized Student Services</td>
<td>Shelton State Community College is dedicated to the success of its students. To further that goal, free tutoring is available to all currently enrolled students. If you need additional assistance to succeed, contact Annette Cook at <a href="mailto:accook@sheltonstate.edu">accook@sheltonstate.edu</a>. Free tutoring is available for Math, English, and more. Check the website for the schedule: <a href="http://www.sheltonstate.edu-Current">www.sheltonstate.edu-Current</a> Students&gt; Tutoring (under Instructional Resources). If you have a disability and need accommodations to help you be successful, contact Michele Minor at <a href="mailto:m.minor@sheltonstate.edu">m.minor@sheltonstate.edu</a> or visit her in the Office of Specialized Student Services.</td>
</tr>
<tr>
<td>Emergency Preparedness and Sexual Misconduct</td>
<td>Shelton State Community College continues to be committed to a safe teaching and learning environment for students and employees. In an effort to further strengthen efforts at keeping the College Community free from weapon related violence and to eradicate sexual misconduct crimes and infractions, SSCC has recently enacted the following policies that address these areas specifically. Sexual misconduct is an often underreported crime and victims should be aware that SSCC has a confidential process in place for reporting such actions and for helping victims identify resources for assistance. Links to these policies and other important emergency preparedness related topics may be found on the college website: <a href="http://www.sheltonstate.edu/discover_sssc/emergency_preparedness.aspx">http://www.sheltonstate.edu/discover_sssc/emergency_preparedness.aspx</a>.</td>
</tr>
</tbody>
</table>

**Instructor Information**

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Tina Evans</th>
</tr>
</thead>
</table>
| Contact Information | Email address: [https://myelearning.sheltonstate.edu](https://myelearning.sheltonstate.edu) or tevans@sheltonstate.edu (use if Blackboard is down)  
Phone #: 205-391-2947 |
| Student Hours and Location | 2739 Martin  See Blackboard and/or instructor’s website for Schedule. Other times by appointment only. |
| Website | [http://www.sheltonstate.edu](http://www.sheltonstate.edu) → Faculty/Staff → Faculty Website Directory |
| Division Chair Information | Department chairperson: Darrell Hagler  
Office: Martin 2630  
Phone: 205-391-2433 |

**College Policy Information**

<table>
<thead>
<tr>
<th>Academic Misconduct</th>
<th>Students are expected to be honorable in all college assignments. Suspected cases of academic misconduct are reported to the Dean of Instructional Services.</th>
</tr>
</thead>
</table>
| Attendance Policy | SSCC Attendance Policy: Students are expected to attend all classes for which they are registered, to be prompt and to remain in class/lab for the entire time. Attendance will be recorded at every class/lab meeting. On the final grade report, instructors are required to identify the last day of attendance for all students who receive a grade of “F” or “U.” Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from the class. Withdrawal from class can affect eligibility for federal financial aid.  
If a student is unable to attend at least 80 percent of class meetings, regardless of the reason or circumstance, it is recommended that the student withdraw from that class before excessive absences interfere with the student’s ability to successfully complete the course. |
| Standard College Policies | The college catalog and website detail standard college polices for all teaching and learning activities. This class syllabus is intended to give further detail about the policies and expectations in this class. Students are expected to be aware of and abide by College policies in every class. |
| Student Email (Bucs Mail) | All students who are or have been registered for classes at Shelton State Community College are provided an email account. Students who are currently registered must have an email account. Electronic mail is the official method of communication for delivery of information. Shelton State designated communicators may use this email account to send official communications to the student body. Student email addresses will be recorded in the college’s electronic directories and records. To activate/sign in to your Bucs Mail account, visit the Bucs Mail icon at [www.sheltonstate.edu](http://www.sheltonstate.edu). |
| Quality Enhancement Plan | Shelton State’s Quality Enhancement Plan (QEP)  
**Improving Student Success in Online Classes** |

The College does not discriminate on the basis of race, color, national origin, sex, disability, or age in its admissions, programs, and services in compliance with Title VI and VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title IX of the Educational Amendments of 1972, and the Americans with Disabilities Act of 1990. –  
See more at: [http://www.sheltonstate.edu/discover_sssc/eeoc_statement.aspx#sthash.ZEIKOypJ.dpuf](http://www.sheltonstate.edu/discover_sssc/eeoc_statement.aspx#sthash.ZEIKOypJ.dpuf)
Letter grades will be assigned according to the following:
(final grades are rounded to nearest integer):

<table>
<thead>
<tr>
<th>Percentage Grade</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>60-69</td>
<td>D</td>
</tr>
<tr>
<td>59 and below</td>
<td>F</td>
</tr>
</tbody>
</table>

### Testing Information

Tests and final exam are given on the Martin Campus Room 2255 of Shelton State Community College, unless otherwise noted on syllabus. Any last-minute or unforeseen room changes will be announced on Blackboard. Testing times are as follows: 8:00 a.m. – 9:30 a.m. and 5:00 p.m. – 6:30 p.m. for the dates specified. Additional time will not be given for students who are tardy.

Tests MUST be taken on scheduled day(s). If you have extenuating circumstances and cannot attend the test date for a particular test, you may take the test EARLY (1 week prior notification). You will not be allowed to take a test once the deadline has passed without appropriate medical / legal documentation for the test day.

All grades will be posted in the MyMathLab gradebook. An announcement will be posted in Blackboard a few days after the test has been taken giving information about how to access grades and pick up tests.

### What to do if you have conflicts with the days and times posted for tests / exams.

The dates for the tests and final exam are already posted on the course outline. You are responsible for knowing these dates and abiding by them. You should plan around your schedule to be at the exam at the appointed time. It is unacceptable for you to miss an exam. **Any missed exam will require a documented excuse in order to be made up.** Sometimes in distance education classes, students have issues with travel arrangements or other classes scheduled at the same time. These can be worked around if advance notification is given. Below are the two most common problems people have with exam dates/times and how they should be handled.

- **Travel Issues / True “Distance” Students**

  In cases where distance is truly an issue, students may have their exams administered by a proctor at a local college or university. In such cases, the student is responsible for locating a proctor who agrees to monitor them while they take the exam. The student must contact the instructor requesting a proctored exam form or obtain the proctor form via the SSCC home page. (Click path: Current Students > Testing & Assessment Services > Exam Proctoring > Off-Campus Student/Proctor Agreement for SSCC Students) The form must be completed by both student and proctor and then e-mailed back to the Testing and Assessment Center at testing@sheltonstate.edu. This process takes time, so if you are going to need your exams proctored, you should work on finding a proctor immediately. **If your exams are to be proctored, you must have everything set up at least 1 week before the first scheduled exam.** Otherwise, you will be expected to be present at the exam.

  Students with proctors are required to notify instructor of testing arrangements for EACH test at least one week in advance of actual test date(s) so instructor has enough time to send exam to proctor. Tests will not be sent to proctors until student has notified instructor with testing arrangements. Testing deadlines are to be adhered to and no extensions can be granted without proper documentation.

- **Conflicts with Exam Time**

  Since this is an internet class, sometimes students have other classes scheduled for the same time an exam is scheduled. Since the tests and final exam dates are already listed on the Course Outline, you should be able to tell right away if there is a conflict. **If another class conflicts with test/exam times, you must let instructor know at least 1 week in advance of the scheduled test/exam.** Other conflicts students may have with the exam schedule will be dealt with on an individual basis.

The 1 week minimum advance notice clause applies in all test/exam conflict situations.
For documentation purposes, COMMUNICATION MUST BE DONE EXCLUSIVELY THROUGH BLACKBOARD. Only e-mail sent through Blackboard will be responded to. (This does not apply to the ASK MY INSTRUCTOR feature within MyMathLab.) Responses will be given within a 48-hour time period, although most will be answered much sooner. Check your Blackboard announcements and messages daily!!!

How to Start / Proceed Through the Course

1) At the beginning of the course, log into Blackboard and watch the Course Orientation video and complete the Course Orientation activities. These will get you familiarized with the course and allow you to learn where everything is located.

2) Watch the instructor-created Tegrity videos. This is where you will learn about the content and hear what is important when it comes to the test(s)!!

3) Read the e-text for each section (online in MML), working through the examples and watching the mini-videos. Be sure to take notes and answer questions in the Guided Notebook (purchased with the MML code) as you work through the section. The Guided Notebook will be turned in for 5 BONUS POINTS every time a test is given. (Note: All objectives for test must be completed; else no bonus will be awarded. It’s an “all or nothing” grade.)

4) Do the REQUIRED MyMathLab Homework for each section. There are infinite attempts. You must make 65% or higher to take the REQUIRED quiz(izes).

5) Try working e-book practice problem exercises listed below. Answers are under Tools for Success in MML.

6) For more practice, click on the Practice Exercises button in MML. These work like the homework problems. All GRADED homework and quizzes are done in MyMathLab under the Do HW & Quizzes button. The e-book exercises and practice exercises are for additional practice. You will not receive a grade for them.

Students who take all tests and fully complete all MyMathLab homework assignments and quizzes may replace their lowest test grade with the exam, if the exam grade is higher.

---

MTH 112-80  Summer 2015 Course Outline
With MML HW & Quiz Deadlines and Test Dates
MML Course ID: evans66382

This course outline and the dates established therein are tentative, and the instructor reserves the right to change them.

<table>
<thead>
<tr>
<th>Due Date</th>
<th>Section</th>
<th>Section Title</th>
<th>Instruct or-Created Video Lecture</th>
<th>e-Book Text to View (Guided Notebook Objectives to Complete)</th>
<th>Suggested Practice Problems from e-Book (Do as many of these as you can!)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, May 29</td>
<td>Course Orientation in Blackboard</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:59 p.m.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.1 Relations &amp; Functions</td>
<td>Yes</td>
<td>Objectives 1-5</td>
<td>#1-63</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.2 Properties of a Function’s Graph</td>
<td>Yes</td>
<td>Objectives 1-6</td>
<td>#1-44</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML HW Section 3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML HW Section 3.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 3.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.3 Graphs of Basic Functions; Piecewise Functions</td>
<td>Yes</td>
<td>Objectives 1-2</td>
<td>#1-15, 25-30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.4 Transformations of Functions</td>
<td>Yes</td>
<td>Objectives 1-6</td>
<td>#1-52, 58-63 describe transformations only, 64-68</td>
<td></td>
</tr>
<tr>
<td>Friday, June 5</td>
<td>MML HW Section 3.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:59 p.m.</td>
<td>MML Quiz Section 3.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Graphing Homework: Piecewise Functions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML HW Section 3.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 3.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MML HWs and Quizzes listed above due by Friday, June 5 at 11:59 p.m.
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Objectives</th>
<th>MML HW Section</th>
<th>MML Quiz Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5</td>
<td>The Algebra of Functions; Composite Functions</td>
<td>Yes</td>
<td>1-3, 5</td>
<td>1-10, 15-38, 45-50, 59-78</td>
</tr>
<tr>
<td>3.6</td>
<td>One-to-One Functions; Inverse Functions</td>
<td>Yes</td>
<td>1-5</td>
<td>1-64</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 3.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 3.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML HW Section 3.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 3.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.1</td>
<td>Quadratic Functions</td>
<td>Yes</td>
<td>1-2, 4-5</td>
<td>1-10, 21-54, 70-94</td>
</tr>
<tr>
<td>4.2</td>
<td>Applications &amp; Modeling of Quadratic Functions</td>
<td>Yes</td>
<td>1-3</td>
<td>1-24</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 4.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 4.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML HW Section 4.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 4.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Thursday, June 18</strong></td>
<td>3:00 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>MML HWs and Quizzes listed above due by Thursday, June 18 at 3:00 p.m.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Test 1 (Sections 3.1-3.6, 4.1-4.2)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.3</td>
<td>Graphs of Polynomial Functions</td>
<td>Yes</td>
<td>1-7</td>
<td>1-61</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 4.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 4.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Graphing Homework: Polynomial Functions</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.4</td>
<td>Synthetic Division; Remainder &amp; Factor Theorems</td>
<td>Yes</td>
<td>1-5</td>
<td>1-42</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 4.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 4.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML HW Section 4.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 4.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.6</td>
<td>Rational Functions &amp; Their Graphs</td>
<td>Yes</td>
<td>1-7</td>
<td>1-90</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 4.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 4.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Wednesday, July 1</strong></td>
<td>11:59 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>MML HWs and Quizzes listed above due by Wednesday, July 1 at 11:59 p.m.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.9</td>
<td>Polynomial &amp; Rational Inequalities</td>
<td>Yes</td>
<td>1-2</td>
<td>1-44</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 1.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 1.9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.1</td>
<td>Exponential Functions</td>
<td>Yes</td>
<td>1-4</td>
<td>1-14, 22-87</td>
</tr>
<tr>
<td>5.2</td>
<td>Logarithmic Functions</td>
<td>Yes</td>
<td>1-7</td>
<td>1-74</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 5.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 5.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML HW Section 5.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 5.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Graphing Homework: Inverse, Exponential, &amp; Logarithmic Functions</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Thursday, July 9</strong></td>
<td>3:00 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>MML HWs and Quizzes listed above due by Thursday, July 9 at 3:00 p.m.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Test 2 (Sections 4.3-4.6, 1.9, 5.1-5.2, and approx. 20% from old material)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.3</td>
<td>Properties of Logarithms</td>
<td>Yes</td>
<td>1-4</td>
<td>1-51</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 5.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 5.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.4</td>
<td>Exponential &amp; Logarithmic Equations</td>
<td>Yes</td>
<td>1-2</td>
<td>1-35</td>
</tr>
<tr>
<td>5.5</td>
<td>App. of Exponential &amp; Logarithmic Functions</td>
<td>Yes</td>
<td>1-4</td>
<td>1-21</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 5.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 5.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML HW Section 5.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 5.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.3</td>
<td>Systems of Linear Equations in Three Variables using Gaussian Elimination /Gauss-Jordan Elim.</td>
<td>Yes</td>
<td>1-7</td>
<td>1-36</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 7.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 7.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Graphing Homework: Solving Systems using Gaussian Elimination</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Wednesday, July 22</strong></td>
<td>11:59 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>MML HWs and Quizzes listed above due by Wednesday, July 22 at 11:59 p.m.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.2</td>
<td>Circles</td>
<td>Yes</td>
<td>Objectives 1-3</td>
<td>#1-4, 11-60</td>
</tr>
<tr>
<td>-----</td>
<td>---------</td>
<td>-----</td>
<td>----------------</td>
<td>-------------</td>
</tr>
<tr>
<td></td>
<td>MML HW Section 2.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MML Quiz Section 2.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.5</td>
<td>Systems of Nonlinear Equations</td>
<td>Yes</td>
<td>Objectives 2-3</td>
<td>#9-32</td>
</tr>
<tr>
<td>7.6</td>
<td>Systems of Inequalities</td>
<td>Yes</td>
<td>Objectives 1-6 (Omit Example 3b)</td>
<td>#1-18, 25-48, 50-53, 56</td>
</tr>
</tbody>
</table>

**Thursday, July 30**
3:00 p.m.

**MML HWs and Quizzes listed above due by Thursday, July 30 at 3:00 p.m.**

<table>
<thead>
<tr>
<th>Thursday, July 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 p.m. – 6:30 p.m.</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>Friday, July 31</td>
</tr>
<tr>
<td>8:00 a.m. – 9:30 a.m.</td>
</tr>
</tbody>
</table>

**Test 3 (Sections 5.3-5.5, 7.3, 2.2, 7.5-7.6. and approx. 20% from old material)**

<table>
<thead>
<tr>
<th>Comprehensive Final Exam</th>
<th>Monday, August 3</th>
<th>8:00 a.m. – 10:00 a.m.</th>
<th>Room 2901</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tuesday, August 4</td>
<td>5:00 p.m. – 7:00 p.m.</td>
<td>Room 2255</td>
<td></td>
</tr>
</tbody>
</table>