

**Marshall University  
Syllabus**

Course Title/Number	<b>MTH 127: College Algebra – Expanded Section 207 CRN 4121</b>
Semester/Year	Spring 2015
Days/Time	MTWRF 3:00 – 3:50
Location	Smith Hall 511
Instructor	Dr. Michael Otunuga
Office	Morrow Library 103
Phone	304-696 3049
Textbook	College Algebra by Sullivan, 9 <sup>th</sup> edition (with MyMathLab Access Code) ISBN: 9780321716811 More detail about MyMathLab is on the last page.
Calculator	TI-83 or similar
E-Mail	<a href="mailto:otunuga@marshall.edu">otunuga@marshall.edu</a>
Office/Hours	MTWRF 10-11am, 2-3pm others by appointment. To make an appointment, email in advance when possible.
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to <a href="http://www.marshall.edu/academic-affairs">www.marshall.edu/academic-affairs</a> and clicking on “Marshall University Policies.” Or, you can access the policies directly by going to <a href="http://www.marshall.edu/academic-affairs/?page_id=802">http://www.marshall.edu/academic-affairs/?page_id=802</a>  Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment

**Course Description: From Catalog**

A brief but careful review of the main techniques of algebra, including but not limited to polynomial, rational, exponential, and logarithmic functions; graphs; systems of equations; etc.

**Course Content**

<b>Course Content</b>	<ul style="list-style-type: none"> <li>➤ Basic Concepts of Algebra</li> <li>➤ Graphs, Functions, and Models</li> <li>➤ More on Functions</li> <li>➤ Quadratic Functions, equations, and Inequalities</li> <li>➤ Polynomial and Rational Functions</li> <li>➤ Exponential and Logarithmic functions</li> <li>➤ Systems of Equations and Matrices</li> </ul>
-----------------------	--

The table below shows how each student learning outcomes will be practiced and assessed in the course.

Course Student Learning Outcomes	How <b>students will practice each outcome</b> in this Course	How <b>student achievement of each outcome will be assessed</b> in this Course
Students will employ quantitative and analytical methods to solve problems drawn from basic algebra and geometry.	Discussions, group work, board work, homework	Participation in quizzes, homework, Comprehensive final exam covering concepts encountered in higher math courses.
Students will solve real-world problems using techniques that employ systems of linear equation or method of variation.	Discussions, group work, board work, homework	Participation in quizzes, and presentation/explanation of homework solutions to classmates
Students will demonstrate the ability to work with equations and inequalities symbolically, visually, and numerically.	Discussions, group work, board work, homework.	Tests and quizzes, including problems requiring synthesis of many ideas to solve problems

### Course Requirement

Homework: Homework will be assigned weekly online on MyMathLab. Students are advised to finish the problems before the due date.

Quizzes: There will be a brief quiz during class meetings on Monday and Friday. Make-up quizzes are only given in the event of a university-excused absence.

Classwork: Classwork will be given to students. Students are to work in group.

Tests: There will be 5 in-class tests during the semester and a comprehensive Final Exam. If you know in advance that you will have an excused absence on a test date, please make arrangements to take the test early. Make-up exams will only be given in the event of a university-excused absence.

Final Exam: The final exam will be on **Monday May 4, 2015 from 3:00-5:00pm**. Please make travel arrangements accordingly. Make-up/early tests will not be available to accommodate individual travel plans.

### Grading Policy

Attendance	5%
Quizzes	10%
Homework	10%
Four major exams	55%
Final ( comprehensive ) exam	20%

The grading scale is rigid.

90.00 – 100	A
80.00 – 89.99	B
70.00 – 79.99	C
60.00 – 69.99	D
Below 60.00	F

### Attendance Policy

Attendance **is required**. Unexcused absences from **nine** classes will result in a reduction of one letter grade for the semester; unexcused absences from **twelve or more** classes will result in an F. **You will not be allowed to take makeup quizzes or exams, homework, etc. unless you have a university excuse.** If an excused absence results in missing quiz/exam/hw, then a make-up date (*within one week of absence*) must be scheduled with course instructor. Use of cell phone or sleeping during class will be counted as an unexcused absence. Consult your handbook regarding university excused absences.

**TENTATIVE COURSE SCHEDULE (may be changed according to class pace)**

<b>Week (Mon - Fri)</b>	<b>Section Coverage</b>	<b>Other Activities/Due Time</b>
Week 1 (1/12 – 1/16)	R1-R4	Introduction; syllabus discussion on day 1
Week 2 (1/19 – 1/23)	R5-R8, 1.1	<b>Monday 1/19: MLK Day (No class)</b>
Week 3 (1/26 – 1/30)	1.2, 1.3, 1.4	<b>Test 1:</b> Wednesday 2/6, covering Chapters R and 1
Week 4 (2/2 – 2/6)	1.5, 1.6, 1.7, Review	
Week 5 (2/9 – 2/13)	2.1, 2.2	<b>Test 2:</b> Wednesday 2/25 covering Chapter 2
Week 6 (2/16 – 2/20)	2.3, 2.4	
Week 7 (2/23 – 2/27)	2.5, 3.1	
Week 8 (3/2 – 3/6)	3.2, 3.3	<b>Spring Break – No classes</b>
Week 9 (3/9 – 3/13)	3.4, 3.5	
Week 10 (3/16 – 3/20)	<b>Spring Break</b>	
Week 11 (3/23 – 3/27)	4.1, 4.2, 4.3	<b>Test 3:</b> Wednesday 4/1 covering Chapter 3-4
Week 12 (3/30 – 4/3)	4.4,4.5, Review	
Week 13 (4/6 – 4/10)	5.1, 5.2	<b>Test 4:</b> Wednesday 4/24 covering Chapters 5 and 6
Week 14 (4/13 – 4/17)	5.3, 5.4	
Week 15 (4/20 – 4/24)	5.5, 5.6	
Week 16 (4/27 – 5/1)	6.1, 6.2, 6.3	<b>Final Exam:</b> Monday 5/4, from 3:00-5:00pm.
Week 17 (5/4 – 5/8)	Exam Week	

## **MyMathLab Student Registration Instructions:**

**To register for MyMathlab (course name MTH 127 College Algebra-Otunuga: )**

1. Go to [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com)
2. Under Register, click **Student**.
3. Enter your instructor's course ID: **otunuga03316**, and click **Continue**.
4. Sign in with an existing Pearson account or create an account:
  - If you have used a Pearson website (for example, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click **Sign in**.
  - If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor's online course:
  - Use the access code that came with your textbook or that you purchased separately from the bookstore.
  - If not, buy access using a credit card or PayPal. Actually, just the MML access code may be sufficient. Once you are on MML, you have access to Textbook pages, Videos, and PowerPoints. You are supposed to view those media as a part of each homework. Those things and detailed lecture notes are provided on MUonline also.
  - If available, get 14 days of temporary access (Look for a link near the bottom of the page).
6. Click **Go To Your Course** on the Confirmation page. Under MyLab & Mastering New Design on the left, click **MTH 127 College Algebra-Otunuga** to start your work.

### **To sign in later:**

1. Go to [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com)
2. Click **Sign in**.
3. Enter your Pearson account username and password. Click **Sign in**.
4. Under MyLab & Mastering New Design on the left, click **MTH 127 College Algebra-Otunuga** to start your work.
5. **Do the Orientation HW:** Please do this first to learn how to enter your answers including graphs.

### **Additional Information:**

See **Students > Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.

### **Notes:**

- Students will have unlimited time and unlimited number of attempts on each HW (as long as they finish the HW by the deadline and before it is closed).
- HWs are due on most Sundays at 11:59 PM. But there is a "late due" period that is usually till 4:00 PM on the following Friday.
- During that period, the point value students can earn will decrease by 7% per day. This applies only for the questions student attempt after the original due date