

# Syllabus

## MTH 127 College Algebra—Expanded Fall 2015 Sec 111 CRN 3037

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**Required Texts:** *College Algebra* (9<sup>th</sup> Edition) by Larson ISBN-13: 978-1-133-96302-8

**Computer Requirements:** This class requires a graphing calculator. The math department recommends the TI-83/TI-84. This is the calculator I will utilize in class. All electronic communications will be through your Marshall E-Mail. If you use another e-mail service, please have your Marshall e-mail forwarded to that e-mail address.

**University Computing Services' Acceptable Use Policy:** All students are responsible for knowing this policy, which can be found on the web at [http://www.marshall.edu/ucs/cs/acceptable\\_use.pdf](http://www.marshall.edu/ucs/cs/acceptable_use.pdf).

**Course Description:** College Algebra – Expanded Version (5 hours) A brief but careful review of the main techniques of algebra. Polynomial, rational, exponential, and logarithmic functions. Graphs, systems of equations and inequalities, sequences. (PR: MTH 099 or Math ACT 19 or 20) This course is designed to give students a solid understanding of algebra and how it is used. In order to facilitate the students' use of mathematics in their lives, the graphing calculator will be utilized so that the students can apply the ideas learned in the classroom.

Course Student Learning Outcomes	How students will practice each outcome in this Course	How student achievement of each outcome will be assessed in this Course
The Student will be able to analyze functions and their graphs to gain information	Students will practice this outcome by doing homework and in class activities	Students will be assessed on this outcome using online homework assignments, tests and comprehensive final exam.
The Student will be able to solve many types of equations both algebraically and with the aid of the graphing calculator	Students will practice this outcome by doing homework and in class activities	Students will be assessed on this outcome using graphing calculator assignments, online homework assignments, tests and comprehensive final exam.
The Student will be able to develop mathematical models to translate problems from the real world into mathematical equations to be solved	Students will practice this outcome by doing homework and in class activities	Students will be assessed on this outcome using online homework assignments, tests and comprehensive final exam.
The Student will be able to translate mathematical answers from an equation or information from an equation into real world situations	Students will practice this outcome by doing homework and in class activities	Students will be assessed on this outcome using online homework assignments, tests and comprehensive final exam.
The Student will be prepared for further studies in mathematics	Students will practice this outcome by doing homework and in class activities	Students will be assessed on this outcome using online homework assignments, tests and comprehensive final exam.

**Academic Honesty:** Students are expected to present their own work on all tests and homework quizzes. Asking questions, discussing solutions with other students —**not copying the work**— is an essential part of the learning process. **Know the difference.** If you have any questions about the policy to be followed, please see pages 71-73 of the 2015-16 undergraduate catalog or go to this webpage: [http://www.marshall.edu/catalog/files/UG\\_15-16\\_final\\_published.pdf](http://www.marshall.edu/catalog/files/UG_15-16_final_published.pdf)

**Inclement Weather Policy:** Any announcement about school closings may be found by: announcements on one of the four local FM radio stations: Big Country 99.5, The River 101.5, Sunny 93.1, and The Frog 92.1; check the website [www.marshall.edu/movc](http://www.marshall.edu/movc); or the weather hotline (304) 674-7239.

**Disabled Students:** **IF YOU HAVE ANY DISABILITY** that may prevent you from full participation in any of the activities of this class, please let me know as soon as possible so that arrangements can be made and be sure to register with the Office of Disabled Student

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Services or with the H.E.L.P program. Accommodations in testing, readers, tutors, and extra help sessions are available, but only after a discussion with the office of D.S.S. or H.E.L.P and me.

**Equal Opportunity/Affirmative Action Policy:** This course will follow Marshall University's policy on Equal Opportunity/ Affirmative Action, which can be found on p. 68 of the 2015-16 undergraduate catalog or go to this webpage:

[http://www.marshall.edu/catalog/files/UG\\_15-16\\_final\\_published.pdf](http://www.marshall.edu/catalog/files/UG_15-16_final_published.pdf) Specifically, all students will be afforded equal opportunity without regard to race, color, sex, religion, age, disability, national origin, or sexual orientation.

**Attendance Policy:** You will gain the most from this course by attending and participating. Therefore, unexcused absences from three or more classes will result in an F. Students must provide evidence to justify a University Excused Absence on the first day you return to class

**Homework Quiz Policy:** Homework will be assigned every class meeting. Online homework quizzes will also be assigned and need to be completed by the due dates in the assignments.

**Exam Policy:** There will be a total of four in-class exams and one comprehensive final covering the material from the text. The approximate time-frame for these exams is given later in the syllabus. Valid excuses for missing an exam fall into five categories: university-sponsored activities; student illness or critical illness/death in the immediate family; short-term military obligation; jury duty or subpoena for court appearance; or religious holidays. If you miss an exam due to an excused absence, you are allowed to take a makeup test at the instructor's and your earliest convenience. If you miss a test due to an unexcused absence, you will receive a grade of 0 for that test. By university policy, an unexcused absence from a final exam earns an F in the course (page 91 of the 2014-15 undergraduate catalog). **The final will be on Monday, December 7, 2015 at 6:30 pm in our classroom (Rm. 127).**

## Evaluation/Measurement of Learner Outcomes

Graphing Calculator Activities	5.0%,	50 points
Online Homework Quizzes	15.0%,	150 points
Exams (4 @ 15% each)	60.0%,	600 points
Final	20.0%,	200 points
Total	100.0%,	1000 points

## Assessment Evaluation Methods:

- Two graphing calculator activities worth 25 points each.
- Fifteen homework quizzes worth 10 points each will be evaluated by multiple choice questions and short answer questions. The course grade will be computed using the exact point scores.
- Four exams will be evaluated by multiple choice questions and written questions. Letter grades will be assigned for each exam, but the course grade will be computed using the exact point scores, not by averaging letter grades.
- A final exam will be evaluated by multiple choice questions and written questions. Letter grades will be assigned for the exam, but the course grade will be computed using the exact point scores, not by the letter grade.

## Grading Policy:

Grades will be assigned according to the following scale:

90 - 100%, 896-1000 points	<b>A</b>
80 - 89 %, 796-895 points	<b>B</b>
70 - 79 %, 696-795 points	<b>C</b>
60 - 69 %, 596-695 points	<b>D</b>
59% & below, 0-595 points	<b>F</b>

**Dissemination of Announcements and Additional Course Information:** The instructor of this course will make every effort to disseminate all information pertinent to the class during the normal class meetings; however, times arise when it is necessary to disseminate information outside the normal meeting times. The instructors, in this case, will use the Marshall University E-mail system to disseminate any pertinent information to the student. The student is expected to check his/her email twice daily.

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## Tentative Weekly Schedule

Week	Date	Topic	Week	Date	Topic	Week	Date	Topic
<b>1</b>	Aug 24 Aug 26	P.1, P.2 P.3, P.4, P.5	<b>6</b>	Sep 28 Sep 30	2.2, 2.3 2.4, 2.5	<b>11</b>	Nov 2 Nov 4	5.1, 5.2 5.3, 5.4
<b>2</b>	Aug 31 Sep 2	P.6, 1.1 1.2, 1.3	<b>7</b>	Oct 5 Oct 7	Review for Exam 2 Exam 2	<b>12</b>	Nov 9 Nov 11	5.5, 6.1 6.2, 6.3
<b>3</b>	Sep 7 Sep 9	<b>No Class, Labor Day</b> Review for Exam 1	<b>8</b>	Oct 12 Oct 14	2.6, 2.7 3.1, 3.2	<b>13</b>	Nov 16 Nov 18	Review for Exam 4 Exam 4
<b>4</b>	Sep 14 Sep 16	<b>Exam 1</b> 1.4, 1.5	<b>9</b>	Oct 19 Oct 21	3.3, 3.4, 3.5 4.1, 4.2	<b>14</b>	Nov 30 Dec 2	Catch-Up Review for Final
<b>5</b>	Sep 21 Sep 23	1.6, 1.7 1.8, 2.1	<b>10</b>	Oct 26 Oct 28	Review for Exam 3 Exam 3		Dec 7	Final

## Important Dates

**August 24**-First Day of Classes

**August 24 - August 28**-Late Registration

**August 31** -“W” Withdrawal Period Begins

**September 7**-University Closed, Labor Day

**October 15**-Freshmen Mid-Term Grades Due

**October 30**-Last Day to Drop a Full Semester Individual Course

**November 23 - November 27**-Thanksgiving/Fall Break

**November 30**-Classes Resume

**November 30 - December 4**-“Dead Week”

**December 4**-Last Day to Completely Withdraw

**December 7**-Final Exam

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## MARSHALL UNIVERSITY FALL 2015 EXAM SCHEDULE

EXAM HOUR	MONDAY DEC 7	TUESDAY DEC 8	THURSDAY DEC 10	FRIDAY DEC 11
8:00 A.M. TILL 10:00 A.M.	CLASSES MEETING AT 8:00 MWF	CLASSES MEETING AT 9:30 TR	CLASSES MEETING AT 8:00 TR	CLASSES MEETING AT 9:00 MWF
10:15 A.M. TILL 12:15 P.M.	CLASSES MEETING AT 10:00 MWF	CLASSES MEETING AT 11:00 MWF	CLASSES MEETING AT 11:00 TR	CLASSES MEETING AT 12:00 MWF
12:45 P.M. TILL 2:45 P.M.	CLASSES MEETING AT 2:00 MWF	CLASSES MEETING AT 12:30 TR	CLASSES MEETING AT 2:00 TR	CLASSES MEETING AT 1:00 MWF

**NOTE:** All classes meeting at 3:00 p.m. and after will be examined in two-hour time blocks at the first regularly scheduled class meeting during the above examination period. If the two-hour time allowance results in a conflict in exam times, it is the student's responsibility to notify the professor of the later course and to reschedule the later exam. Rescheduled exams must be concluded by Friday, December 11, at 6:00 p.m.

All Wednesday (only) afternoon classes, those meeting at 3:00 p.m. and after, will be examined Wednesday, December 9.

Saturday classes will be examined December 5 at their regularly scheduled class period.

The common final exam time and date for all sections of CHM 111, 203, 211, 212, 355, and 356 will be 10:00 a.m. Saturday, December 5.

**DEADLINE FOR ONLINE SUBMISSION OF GRADES MONDAY, DECEMBER 14, 12:00 NOON.**

