

# MTH 127 Course Syllabus

SECTION: 213, CRN: 5067

Spring 2011

**Course Name:** College Algebra

**College/Department:** Mathematics

**Semester:** Spring 2011

**Instructor name:** Pai Song

**Instructor's Email:** [song10@live.marshall.edu](mailto:song10@live.marshall.edu)

**Instructor Telephone:** 304-696-3986

**Instructor office location:** Smith Music Hall 115

**Office hour:** 1:00-2:00, 3:00-5:00, M&W

**Course start date:** Monday, Jan 10<sup>th</sup>, 2011

**Course end date:** Friday, May 2<sup>nd</sup>, 2011

## **Course materials:**

**Title:** College Algebra

**Author:** Michael Sullivan

**Publisher:** Pearson Prentice Hall

**Edition:** 8th

**ISBN:** 9780132256209

## **Course Details:**

### **Description:**

Polynomial, rational, exponential, and logarithmic function. Graphs, system of equations and inequalities, sequences.

**Credit hours:** 5 hrs

**Prerequisites:** ACT of 19 or above, SAT 460 or above.

**Objectives/Expectations:**

1. To prepare students for a course in calculus.
2. To prepare students for science and engineering courses.
3. To give students a solid understanding of algebra.
4. To develop facility in using graphing calculators.
5. To satisfy the mathematics general education requirement.

**Course Schedule:**

<b>Weeks</b>	<b>Topics and Activities</b>
<b>1</b>	R1, R2, R3, R4
<b>2</b>	R5, R6, R7, R8
<b>3</b>	1.1, 1.2, 1.3, 1.4
<b>4</b>	1.5, 1.6, 1.7, Test 1 (Feb 04)
<b>5</b>	2.1, 2.2, 2.3
<b>6</b>	2.4, 2.5, 3.1
<b>7</b>	3.2, 3.3, 3.4
<b>8</b>	3.5, 3.6, Test 2 (Mar 04)
<b>9</b>	4.1, 4.2, 4.3
<b>10</b>	4.4, 4.5, 5.1
<b>11</b>	Spring Break
<b>12</b>	5.2, 5.3, 6.1
<b>13</b>	Test 3 (Apr 04), 6.2, 6.3
<b>14</b>	6.4, 6.5
<b>15</b>	6.6, Review
<b>16</b>	Further topics
<b>17</b>	Final Exam (May 02, 10:15-12:15 am)

**Grading Breakdown:**

<b>Item</b>	<b>Value(points)</b>
<b>Homework + Quizzes</b>	35%
<b>Test 1</b>	15%
<b>Test 2</b>	15%
<b>Test 3</b>	15%
<b>Final exam</b>	20%
<b>Total</b>	100%

<b>Grading Policy :</b> 100% - 90%	A
90% - 80%	B
80% - 70%	C
70% - 60%	D
Below 60%	F

**Technology:**

Students must have graphing calculators and MU computer accounts for this course.

**Attendance:**

Attendance will not be taken, but students are strongly urged to attend since points may be lost by not turning in assignments and/or missing quizzes and exams. Assignments can only be turned in if the student is present or has a university excused absence. Please consult your handbook for excused absences and the required documentation for excuses.

**Student Behavior:**

Silence all electronic devices during class. Texting is not permitted during class. Answer any important calls OUTSIDE of the classroom. And no music or iPod is allowed during class, quiz or exam periods.

**Homework Policy:**

There will be homework given throughout the week during class, any homework will be due the first class meeting of the following week. If you're not in class when the homework is assigned, contact any of your classmates to find out what problems were assigned. Late submission of homework will not be accepted without a university excused absence. There is free tutoring available in SH 526. I suggest you take advantage of this service.

Website: <http://www.marshall.edu/student-affairs/absence.htm>

**Quiz Policy:**

There will be quiz given during class. If you are not in class when quiz is given, you will lose the points corresponding to the quiz you missed without university acceptable excuse for absence.

**Exam Policy:**

There will be three exams and a final. Any student who is absent from an exam cannot make up the exam unless the absence is excused. Valid excuses are: illness verified by a physician; death in the immediate family (notification from the Associate Dean for the Student's Affairs required); and university approved travel. If you do not make up the exam, you will receive a zero on that exam. If the absence is not excused, you automatically receive a zero on that exam.

[Http://www.marshall.edu/catalog/undergraduate/ug\\_09-10.pdf](http://www.marshall.edu/catalog/undergraduate/ug_09-10.pdf)

**Academic Dishonesty Policy:** No cheating is permitted during the exam. Any student who is found cheating in exam will get a zero on that exam. All students should be familiar with Marshall University's policy concerning academic dishonesty. This policy can be found on PP 102-108 of the 2009-2010 undergraduate catalog :

[Http://www.marshall.edu/catalog/undergraduate/ug\\_09-10.pdf](http://www.marshall.edu/catalog/undergraduate/ug_09-10.pdf)

## **University Policies:**

### **Academic dishonesty**

All students should be familiar with the university's policy concerning academic dishonesty. This policy can be found on pp. 66 of the undergraduate catalog.

[http://www.marshall.edu/catalog/undergraduate/ug\\_10-11\\_published.pdf](http://www.marshall.edu/catalog/undergraduate/ug_10-11_published.pdf)

### **Policy for students with disabilities**

Marshall University is committed to equal opportunity in education for all students, including those with physical, learning and psychological disabilities. University policy states that it is the responsibility of students with disabilities to contact the Office of Disabled Student Services (DSS) in Prichard Hall 117, phone 304 696-2271 to provide documentation of their disabilities. Following this, the DSS coordinator will send a letter to each of the student's instructors outlining the academic accommodation he/she will need to ensure equality in classroom experiences, outside assignment, testing and grading. The instructor and student will meet to discuss how the accommodation(s) requested will be provided. For more information, please visit <http://www.marshall.edu/disabled/> or contact Disabled Student Services Office at Prichard Hall 11, phone 304-696-2271

### **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/acceptuse.asp>.

### **Affirmative Action Policy**

This course will follow Marshall University's policy of Affirmative Action, which can be found on p. 63 of the 2010-2011 undergraduate catalog [http://www.marshall.edu/catalog/Undergraduate/ug\\_10-11\\_published.pdf](http://www.marshall.edu/catalog/Undergraduate/ug_10-11_published.pdf). Specifically, all students will be afforded equal opportunity without regard to race, color, sex, religion, age, disability, national origin, or sexual orientation.

### **Inclement Weather Policy:**

Students can find information concerning Marshall's policy regarding inclement weather on pp. 92 of the 2009-2010 undergraduate online catalog.

[http://www.marshall.edu/catalog/undergraduate/ug\\_09-10.pdf](http://www.marshall.edu/catalog/undergraduate/ug_09-10.pdf).