Marshall University
Syllabus

Course Title/Number	College Algebra/MTH 130 – 107/CRN: 3017
Semester/Year	Fall 2016
Days/Time	TR 930-1045am
Location	SH 516
Instructor	Jessica (Briscoe) Johnson
Office	SH 526B
Phone	(304) 696-6663
E-Mail	briscoe7@marshall.edu
Office/Hours	MTWRF 12-1, W 2-3
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 www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to www.marshall.edu/academic-affairs/policies/. 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 **Academic Dishonesty:** If a student behaves academically dishonest in any way, i.e. copying/turning in another's work or cheating on quizzes or exams, I reserve the right to fail the individual. The behavior may be reported to the department chair and/or dean of the college and could result in expulsion from the university. Please refer to your handbook for further details. **Disabilities and/or Special Needs:** If any students have a disability and/or special need that interferes with their involvement in the classroom, they must see the Office of Disability Services, Prichard Hall 117, phone 304-696-2271. Appropriate accommodations can then be made. **Inclement Weather Policy:** Students can find information concerning Marshall's policy regarding inclement weather on pp. 64-65 of the 2010-2011 undergraduate online catalog http://www.marshall.edu/catalog/undergraduate/ug_10-11_published.pdf.

Course Description: From Catalog

In this course we will be discussing various functions and their properties, including polynomial, rational, exponential and logarithmic functions. We will also cover graphs, systems of equations and inequalities, and sequences.

The table below shows the following relationships: How each student learning outcomes will be practiced and assessed in the course.

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
Students will apply algebraic concepts to model and solve real life situations using linear, polynomial, rational, exponential, root, and logarithmic equations and/or inequalities.	Students will practice this outcome by doing homework and in class activities.	Students will be assessed on this outcome using quizzes and tests.
Students will understand and use basic concepts of functions, including domain, range, operations, compositions, and inverses.	Students will practice this outcome by doing homework and in class activities.	Students will be assessed on this outcome using quizzes and tests.
Students will use tables, transformations, critical points, and other characteristics to graph functions, conic sections and parametric equations.	Students will practice this outcome by doing homework and in class activities.	Students will be assessed on this outcome using quizzes and tests.

Required Texts, Additional Reading, and Other Materials

1. The required text is *College Algebra, 2nd edition* by Paul Sisson.
2. A graphing calculator is required for this course. I suggest either a TI-84 or a TI-Inspire.
3. Students must also have an MU computer account for email.

Course Requirements / Due Dates

1. All due dates can be found on the course schedule.

Grading Policy

Student Assessment: Students will be assessed using various methods, such as assigned homework, quizzes, and exams. Homework will be due after the completion of each chapter. It will be graded and returned promptly for the students' review before each test. Quizzes will be given after the submission of homework assignments, except on weeks when an exam is scheduled. There will be a total of three exams and one final.

Grading Scale: 100% - 90%   A
              89% - 80%   B
              79% - 70%   C
              69% - 60%   D
              59% and below   F

Note: Please note that an incomplete cannot be given unless the student completes 75% of the course.

Attendance Policy

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. Quizzes/Tests and assignments can only be turned in and/or made up if the student is present or has a university excused absence. Please consult your handbook for excused absences and the required documentation for excuses.

When in attendance I expect each student to behave respectively. You must not only have respect for me, but respect for your fellow classmates as well. If your actions become disruptive or distracting for me or another student, you will be asked to cease your behavior. If you choose to continue, you will be asked to leave. Disruptive behaviors may include, but are not limited to, the following: cell phone use in class, talking during class, and the use of iPods or mp3 players during class.

Tutoring Services

Tutoring services are available in Smith Music Hall 115 daily. The schedule will be posted on the door after the first week of classes. I strongly suggest you take advantage of this **FREE** service.

Course Schedule (tentative):

Week	Monday	Tuesday	Wednesday	Thursday	Friday
Aug 22-26		Syllabus and Introductions 1.1 1.1Hmwk:1,3,33,35,37,39,43,49,57,75		1.2, 1.3, 1.4 1.2Hmwk:11,15,17,19,41,43,45,53,59,79 1.3Hmwk:19,27,39,41,43,59,61,65,69,81 1.4Hmwk:19-37 odd	
Aug 29-Sept 2		1.5 & 1.6 1.5Hmwk:21,31,39,47,49,55,61,67,73,79 1.6Hmwk:9-23 odd,31,37		Homework Questions 2.1 & 2.2 2.1Hmwk:1,3,7,9,21,27,29,33,35,71 2.2Hmwk:5,11,13,23,27,35,37,39,41,43	
Sept 5-9	**University Closed** No Class	**Ch 1 Homework Due** 2.3 & 2.4 2.3Hmwk:1,3,5,9,19,25,27,29,35,41 2.4Hmwk:1-9 odd, 19-27 odd		2.5 & 2.6 2.5Hmwk:13,15,17,25,27,49-57 odd 2.6Hmwk:1-15 odd,27,29	
Sept 12-16		Homework Questions 3.1 & 3.2 3.1Hmwk:1,3,33-45 odd,63 3.2Hmwk:1,3,25-35 odd,41,43		**Ch 2 Homework Due** 3.3 & 3.4 3.3Hmwk:3,5,25,27,31,35,41,43,49,51 3.4Hmwk:1,3,5,19,21,29,31,33,39,41	
Sept 19-23		3.5 & 3.6 3.5Hmwk:1-19 odd 3.6Hmwk:1,9,15,17,31,33,37,41,49,53		Homework Questions Review	
Sept 26-30		**Test 1** **Ch 3 Homework Due**		4.1 & 4.2 4.1Hmwk:25,27,29,31,43,45,51,53,61,63 4.2Hmwk:1,3,5,17,19,23,41,55,57,59	
Oct 3-7		4.3 & 4.4 4.3Hmwk:25,28,29,34 4.4Hmwk:13,15,17,19,21,23,45,47,49,59		4.5 & 4.6 4.5Hmwk:1,3,23,25,31,35-43 odd 4.6Hmwk:17,19,21,29-41 odd	
Oct 10-14	**Midterm Grades Due**	Homework Questions 5.1 & 5.2 5.1Hmwk:19,21,37,39,43,63-71 odd 5.2Hmwk:1-9 odd,41-49 odd		**Ch 4 Homework Due** 5.3 & 5.4 5.3Hmwk:57,59,65,67,69,71,75,77,79,81 5.4Hmwk:17-35 odd	
Oct 17-21		6.1 6.1Hmwk:37-45 odd,57-65 odd		Homework Questions Review	
Oct 24-28		**Test 2** **Ch 5 & 6 Homework Due**		7.1 & 7.3 7.1Hmwk:1-9 odd,23-31 odd 7.3Hmwk:37,29,41,43,47,51,61,63,65,67	**Last Day to Drop**
Oct 31-Nov 4		7.4 & 7.5 7.4Hmwk:1,5,7,11,13,21,25,29,43,47 7.5Hmwk:1,9,17,19,23,27,31,33,39,41		Homework Questions 8.1 & 8.2 8.1Hmwk:1,5,17,21,25,31,35,37,41,45 8.2Hmwk:53,55,59,67,69,73,77,79,81,89	
Nov 7-11		**Ch 7 Homework Due** 8.3 & 8.4 8.3Hmwk:13,15,17,31,33,39,41,49,61,63 8.4Hmwk:1,3,5,25,27,29,35,37,39,41		8.5 & 8.7 8.5Hmwk:13,15,17,23,33,43,45,47,49,51 8.7Hmwk:1-9 odd,25-33 odd	
Nov 14-18		Homework Questions 9.1 & 9.2 9.1Hmwk:11,15,23,47,49,51,59,61,69,83 9.2Hmwk:1,3,5,7,45-55 odd		**Ch 8 Homework Due** 9.3 9.3Hmwk:1,3,5,7,41,43,45,49,51,53	
Nov 21-25	**Fall Break**	**Fall Break**	**Fall Break**	**Fall Break**	**Fall Break**
Nov 28-Dec 2		Homework Questions Review		**Test 3** **Ch 9 Homework Due**	
Dec 5-9	Dead Week	Dead Week Review?	Dead Week	Dead Week Review?	Dead Week
Dec 12-16		**Final 8-10**			