

Syllabus

MTH 127 College Algebra—Expanded Fall 2016 Sec 110 CRN 3007

Instructor: Nick Bedway
Office: Gullickson Hall 212 (Huntington Campus)

Office Hours: By Appointment
Phone/E-mail: 304-696-3257 bedway@marshall.edu

Required Texts: *College Algebra* (2nd Edition) by Sisson ISBN-13: 978-1-133-96302-8

Computer Requirements: This class requires access to the Hawkes Learning System. All students must purchase a code (this code is included in the cost of the book). This class also 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/academic-affairs/policies/#UCS>.

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: Math ACT 19 or MTH 102 or MTH 102B) 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.

MTH Courses that have MTH 127 as a prerequisite:

- MTH 122 - Trigonometry
- MTH 132 - Precalculus
- MTH 140 - Applied calculus

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
Identify and implement appropriate solution methods for single-variable equations	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.
Identify and graph standard algebraic functions	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.
Interpret graphs of functions	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.
Construct functions to model applications	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.
Communicate written mathematics using appropriate notation and explanation in English	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

Inclement Weather Policy: Any announcement about school closings may be found by: announcements on one of the three local FM radio stations: Big Country 99.5, The Wolfe 93.1, and K92 92.1; check the website www.marshall.edu/movc; or the hotline (304) 674-7239.

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

Exam Policy: There will be a total of three 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 92 of the 2015 – 16 undergraduate catalog). **The final will be on Monday, December 12, 2016 at 6:30 pm in our classroom (Rm. 127).**

Evaluation/Measurement of Learner Outcomes

Online Homework Assignments	20.0%, 200 points
Exams (3 @ 20% each)	60.0%, 600 points
Final	20.0%, 200 points
Total	100.0%, 1000 points

Assessment Evaluation Methods:

- Twenty homework assignments 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.
- Three 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	A
80 - 89 %,	796-895 points	B
70 - 79 %,	696-795 points	C
60 - 69 %,	596-695 points	D
59% & below,	0-595 points	F

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
1	Aug 22 Aug 24	1.2, 2.1 2.2, 1.2	6	Sep 26 Sep 28	3.5, 3.6 4.1	11	Oct 31 Nov 2	6.1 Review 1.3, 1.4
2	Aug 29 Aug 31	1.5 2.3	7	Oct 3 Oct 5	4.2 4.3	12	Nov 7 Nov 9	7.1, 7.2 7.3
3	Sep 5 Sep 7	No Class, Labor Day 2.4, 2.5	8	Oct 10 Oct 12	4.4, 4.5 4.6	13	Nov 14 Nov 16	7.4 7.5
4	Sep 12 Sep 14	3.1, 3.2 Review for Exam 1	9	Oct 17 Oct 19	Review for Exam 2 Exam 2	14	Nov 28 Nov 30	Review for Exam 3 Exam 3
5	Sep 19 Sep 21	Exam 1 3.3, 3.4	10	Oct 24 Oct 26	5.1, 5.2 5.3, 5.4	15	Dec 5 Dec 7	8.1 Review for Final

Important Dates

August 22-First Day of Classes

August 22 - August 26-Late Registration

August 29 -“W” Withdrawal Period Begins

September 5-University Closed, Labor Day

October -Freshmen Mid-Term Grades Due

October -Last Day to Drop a Full Semester Individual Course

November 21 - November 25-Thanksgiving/Fall Break

November 28-Classes Resume

December 5 - December 9-“Dead Week”

December 9-Last Day to Completely Withdraw

December 12-Final Exam

Getting Started with Hawkes

In a web browser, navigate to learn.hawkeslearning.com. Click on Create an Account. Choose the appropriate option “I have an Access Code”, “I want to Purchase Access”, or “I want to request Temporary Access” and press Continue.

Use your name and email as officially recorded with Marshall University. In particular, enter your Marshall email address **@live.marshall.edu**. Select product “College Algebra”. Select your instructor and section. Verify your email as instructed.

Technical Assistance

Students requiring technical assistance with the Hawkes software should contact Hawkes directly by phone at 800-426-9538 or 843-571-2825, Monday – Friday 8:30am – 10:00pm ET, or by live chat at www.hawkeslearning.com/chat, any time 24/7.

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MARSHALL UNIVERSITY FALL 2016 EXAM SCHEDULE

EXAM HOUR	MONDAY DEC 12	TUESDAY DEC 13	THURSDAY DEC 15	FRIDAY DEC 16
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 16, at 6:00 p.m.

All Wednesday (only) afternoon classes, those meeting at 3:00 p.m. and after, will be examined Wednesday, December 14.

Saturday classes will be examined December 10 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 10.

DEADLINE FOR ONLINE SUBMISSION OF GRADES MONDAY, DECEMBER 19, 12:00 NOON.

