

Syllabus for Math 111: College Algebra, Spring 2015 Online

Instructor: Breeann Flesch

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Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00	MTH 354		MTH 354		MTH 354
9:00	Office Hour		Office Hour		Office Hour
10:00	Office Hour		Office Hour		MTH 396
11:00	Math 396	Dept. Meeting	Math 396		Math 396
12:00	SP Meeting		SP Meeting		
1:00					
2:00					

Please feel free to drop by my office during my office hours for help. You do not need to make an appointment to come to office hours. At times other than my listed office hours you are welcome and encouraged to call or email me with questions about the course. If you have direct scheduling conflicts with my office hours and would like further help, please let me know.

Materials:

- Algebra and Trigonometry with Modeling & Visualization, 5th edition
Text: ISBN 978-0321900456
Author: Gary Rockswold
Publisher: Pearson
- MyMathLab/CourseCompass online access. This is included with the text if you purchased it at the WOU bookstore. Online access may be purchased separately at <http://www.coursecompass.com>. If you do not require a hardcopy version of the text, online access through Course Compass includes an electronic version of the text. The course ID for MML is **flesch67785**.
- Calculator – A scientific calculator with at least the capabilities of a T. I.-83 is required. A T.I.-83 or 84 is highly recommended. No TI-89, nor any calculator with a computer algebra system, such as the TI-Nspire, is permissible for use in this course.

Course Description:

MTH 111 College Algebra (4)

Polynomial equations and inequalities, functions and graphs, inverse functions, rational functions, exponential and logarithmic functions. **Prerequisite: MTH 095 with grade C- or better or satisfactory score on WOU's math placement test.** (Offered every quarter)

Learning Outcomes:

- Know a working definition of a function

- Be able to represent functions graphically, numerically, symbolically, and verbally, and be able to readily switch between these representations
- Understand and use linear, polynomial, rational, exponential, logarithmic and power families of functions
- Model and solve problems involving these families of functions
- Have a basic understanding of complex numbers and associated arithmetic
- Have a basic understanding of inverse functions
- Solidified algebra and graphing skills
- Have an appreciation for the application of mathematics to real-life situations

Grade:

Quizzes	20%
Homework	16 %
Midterm Exams	$16\% \times 2 = 32\%$
Final Exam	20%
Weekly Questions	12%
Skills Test	REQUIRED TO PASS

- Homework – There will usually be 3 homework assignments each week, the exception being the two weeks that we exams and Memorial Day week. This makes a total of 27 homework assignments. The homework due dates are on Tuesday, Thursday and Friday of each week. Some homework will be online at MyMathLab and some will be written homework that you scan and upload. For each online homework problem, you are allowed as many attempts as you need to get the problem correct. You can hit the ‘try again’ or ‘similar exercise’ button to continue to attempt the problem. Feel free to work ahead. In fact, doing the homework in advance of the due date will give you time to get your questions answered. *No late homework will be accepted under any circumstances.* The two lowest homework scores will be dropped from your grade.
- Quizzes – Each Monday, except the first, you will have a quiz on the recent material (usually homework from the last week or two). You even have quizzes the weeks that you have an exam. The quiz will be open for 48 hours (all of Sunday and Monday). Unlike the homework, you will only get one attempt to get the answer correct and there is a time limit (one hour). There is a total of 9 quizzes, no late quizzes will be accepted, and the lowest quiz score will be dropped from your grade.
- Skills Test – The Mathematics Department requires a “Skills Test” for MTH 111 assessing competency in prerequisite skills. Each MTH 111 student must pass the test (scoring 80% or higher) by the end of the tenth week of class. Failure to do so will result in a failing grade (F) for the course. Students must take the exam in the WOU mathematics department. If you are student not living near WOU, then contact your instructor to set up a proctor. The skills test is available on Wednesdays at 8:00 am, Thursdays at 12:00 pm, and Fridays at 2:00 pm in room MNB 110 or check with Sharon Price in MNB 116.

- Midterm Exams – There will be two exams. The two exams will be open for 48 hours (all of Friday and Saturday) during weeks 3 and 7. Each of these exams will be timed (2 hours) and you will get only one attempt to get the answer correct.
- Final Exam – There will be an in-person final exam that is cumulative, which is Monday June 8th at 8:00 to 9:50. Please arrange to have that time free NOW. If you can document that you do not live near WOU, let me know, as we can set up a remote proctor.
- Weekly Discussion Questions– Each week you will be given weekly discussion questions. You must post your initial answer to this question by Wednesday at midnight. Because they are math questions, you can either explain your work in the response window, or upload a scanned document in that area. Either way, you must explain/show all your work. After you post your initial answer, you will then be able to see your group members’ responses. Please check these responses and decide whether your answer is correct or not. You can then repost your answer, if you think your initial post is inaccurate. Your final answer must be posted by Saturday at midnight. Your weekly discussion questions will be graded on the following rubric. Note that if you do not repost, I will assume your initial post is also your final post.

Initial post by Wednesday	3
Initial post has work explained well	3
Final post is accurate	2
Final Post has work explained well	2
Total	10

Questions Forum: Each week will have a questions forum, where you can post any logistical or mathematical questions. I am happy to answer your questions in this area, and will do so in a timely manner (within 24 hours).

Math Center: The Math Center offers FREE tutoring for Math 111, and I highly recommend taking advantage of this service. They are located on the third floor of Hamersly Library. They are open from week 2 to 10, Monday to Thursday 11am to 6pm and Friday 11am to 3pm. Many successful students choose to do their homework in the Math Center, getting help as they need it. More information can be found at <http://www.wou.edu/mathcenter>.

MyMathLab Help: If you have technical difficulties with MyMathLab, you can seek help on their website http://247pearsoned.custhelp.com/app/answers/detail/a_id/276 or by calling them at 1-800-677-6337.

Incomplete Policy: An Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents them from completing a small component of the course.

Disabilities: If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Services, APSC 405, or at 503-838-8250, as early as possible in the term. Students needing medical or mental health care can access the Student Health and Counseling Center by calling 503-838-8313, emailing at health@wou.edu, or by walking in to schedule an appointment.

Wolf Connection System Referral Program: If I determine your performance in this class is placing you at academic risk, you may be referred to Jesse Poole, Western’s Student Success Specialist. Jesse will

offer to work with you to address issues and develop a student success strategy. Regardless of whether a referral has or has not been made, you are ultimately responsible for tracking your own progress in this course. If you would like to meet with Jesse regarding any academic struggles you are experiencing, please contact the Academic Advising and Learning Center at 503-838-8428.

Veterans and Active Military Personnel: Veterans and Active Military Personnel with special circumstances are welcome and encouraged to communicate these, in advance if possible, to the instructor.

Student Code of Conduct: The student code of conduct is outline here:

<http://www.wou.edu/student/judicial/links/documents/CodeofStudentResponsibility2012-2013.pdf>

Please pay special attention to the academic dishonesty section.