

MTH 111 : College Algebra

Professor: Bryce Christenson

Fall 2015

1 Course Information

- MTH 111 - College Algebra - Fall 2015
- Date/Time: M,T,R,F: 15:00 - 15:50
- Natural Sciences 215, except Fridays in MNB 110
- MML Course ID: christenson48539

2 Contact Information

- Office: Maaske 225
- Webpage:
<http://www.wou.edu/wp/christensonb/teaching/mth-111-fall-2015/>
- E-Mail: christensonb@mail.wou.edu
- Office Phone: (503) 838-9207

3 Office Hours

- Monday, Tuesday: 14:00 - 14:50
- Wednesday: 11:00 - 11:50
- Thursday: 13:00 - 14:50

4 Course prerequisite

Math 095 with a grade of C- or better, or satisfactory score on WOU's math placement test.

5 Course Objectives

- Know a working definition of function.
- Be able to represent functions graphically, numerically (tables), symbolically (formulas), and verbally (words), and be able to readily switch between these representations for given functions.
- Understand and use the linear, polynomial, rational, exponential, logarithmic, and power families of functions.
- Model and solve problems involving those families of functions.
- Have a rudimentary understanding of the arithmetic of complex numbers.
- Know when inverse functions exist and if not, why not.

6 Required materials

6.1 Text and Online Access

- *Algebra and Trigonometry, with modeling and visualization* (5 th Edition), by Gary Rockswold (ISBN: 978-0321900456 with MML / ISBN-13: 9780321826121 without MML bundle).
- You will also need access to the online homework, which is available through MyMathLab and requires an access code. You can attain these things two different ways: i. You can purchase the book new from the bookstore, it is a bundle that includes an access code to MML price is around \$250 ii. You can go to www.coursecompass.com and purchase the access code directly. Doing so will also give you an online version of the text price is around \$87
- For technical support on the MML website, please contact PEARSON at 800-667-6337

6.2 Graphing Calculator

A Scientific calculator with at least the capabilities of a TI-83 is required. A TI-83 or 84 is highly recommended. No TI-89, nor any other calculator with a computer algebra system, such as the TI-Nspire, is permissible for use in this course.

7 Grading criteria for course

Grade Distribution

Online Homework	15%
Quizzes	15%
Written Homework	15%
Midterm Exam(×2)	15%
Final Exam	25%

Final Grade Breakdown

100 – 93	A	90 – 92.9	A–
87.0 – 89.9	B+	83.0 – 86.9	B
80.0 – 82.9	B–	77.0 – 79.9	C+
73.0 – 76.9	C	70.0 – 72.9	C–
67.0 – 69.9	D+	63.0 – 66.9	D
60.0 – 62.9	D–	0.00 – 59.9	F

8 Skills Test Policy

The Mathematics Department has stipulated that a Skills Test for MTH 111 assessing competency in some basic math skills will be required. Each MTH 111 student must pass the

Skills Test by the end of the Friday before finals week. To pass, you must get at least 8 of the 10 problems correct. **Any student not passing the Skills Test at least once by the deadline will receive an F in the course. This test MUST be passed in order to pass the class.**

During week 1, the skills test will be taken in class. This is your one opportunity for the week (no make ups). Beginning during week 2 (after the in-class attempt) retakes will be administered at drop-in group retake sessions in MNB 110 (Retakes may be taken up to once per week). MyMathLab access is required for retaking the Math Skills Tests. For more information about skills tests and the retake schedule please see Sharon Price's website: <http://www.wou.edu/wp/prices1/>

YOU MUST PASS THE SKILLS TEST ON OR BEFORE THE FRIDAY BEFORE FINALS WEEK. IF YOU DO NOT, YOU WILL NEED TO RETAKE MTH 111 .

9 Incomplete and Late Homework Policies

- A grade of Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents them from completing the course, after Friday of the seventh week of class, which is the last day for dropping a course with W grade.
- Each out-of-class assignment will have a specific due date and time. If you are unable to complete or hand in the assignment before the specified time then please contact the professor 24 hours before when the assignment is due so that accommodations can be made. **If a student does not turn in an assignment, and does not contact the professor 24 hours before when an assignment is due, then the student will receive a 0 for the assignment.**

10 Information on the Math Center (drop in tutoring)

The Math Center is a quiet and open room in the library, a relaxing place to study and work on your math homework. We staff experienced and knowledgeable tutors who are dedicated to helping you master the skills you need to succeed in your math classes. You can drop by at your convenience (during our open hours), work on your homework, and when you have a question, simply raise your hand and someone will be there to help you.

Visit the website: <http://www.wou.edu/mathcenter> for open hours and a schedule of available tutors.

11 Wolf Connection System

If the instructor determines 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 or email at tutoring@wou.edu

12 Accommodations

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.

13 Veterans

Veterans and active military personnel with special circumstances are welcome and encouraged to communicate these, in advance if possible, to the instructor.