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Fall 2015

## MATH 1115

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*University of New Orleans*

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### Recommended Citation

Mancuso, L., "MATH 1115" (2015). *University of New Orleans Syllabi*. Paper 756.  
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**MATH 1115 - 476**  
**College Algebra**  
**Syllabus – Internet Course**  
**Fall 2015**

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<b>Instructor:</b> Mrs. Mancuso	<b>Class Room Location:</b> N/A
<b>Office:</b> MATH 233	<b>Class Days &amp; Times:</b> N/A – ONLINE COURSE
<b>Office Phone:</b> 280-6502	<b>Office Hours:</b> Monday 10:30 – 11:00 & 12:00 – 1:00 Tuesday 12:30 – 2:00 Wednesday 10:30 – 11:00 & 12:00 – 1:00 Thursday 1:30 – 2:00 Friday 12:00 – 1:00 Other times by appointment please
<b>Email Address:</b> LMancuso@uno.edu	

**When you e-mail me please put 1115 – 476 in the subject line.**

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**Prerequisites:** You must have an ACT score  $\geq 19$ , a SAT score  $\geq 460$ , or a Compass Algebra score  $\geq 40$ .

**Required Materials:** 1. MyMathLab (MML)

\*\*\*\*\*You may purchase MyMathLab online at <http://www.pearsonmylabandmastering.com> using the instructions located on page 4 of this syllabus. Purchasing MyMathLab online includes an electronic copy of the book.

\*\*\*\*\*If you would like to have a paper copy of the textbook **College Algebra Essentials – 3<sup>rd</sup> Edition, by Robert Blitzer. ISBN: 9781256700968** and not the online textbook, then you may purchase both the textbook and MyMathLab (packaged together) in the UNO bookstore.

2. **Calculator:** ONLY TI-30X II, TI-30 X IIs, TI-30IIB, TI-30-XS, TI-30XB, or equivalent calculators approved ahead of time by the instructor (NO graphing calculators, smart phones, or any other device that can communicate wirelessly will be allowed)

3. **Access to a computer with reliable internet access**

*I highly recommend a three ring binder with tabbed sections for notes, a place to work homework and quiz problems. Please keep your work organized ☺. It will help you succeed!*

**Communication:** Please stay in communication with me and contact me if you have any questions at all. All correspondence will be made through the e-mail address that you register with in MyMathLab. Make sure that you check your email frequently and check the home page when you log into MyMathLab.

**Recommendations:** Read the lecture notes before you attempt to take a quiz or do any homework. Watch the video lectures, using MyMathLab, for the sections in the textbook before you attempt to take a quiz or do any homework. Take notes while watching the video lectures, pausing the video when necessary. Work all homework and quiz problems out completely, showing all work, and keep this organized in a binder for easy reference. Use all allowed attempts for homework and quizzes to ensure the best grade and best understanding of the material. Keep up with all MyMathLab homework/quiz assignments and complete them gradually and not on the due date. Make sure to redo the problems on your own once after getting help to make sure you understand the concept. Seek help from me as soon as possible if you are unsure about anything at all. Check your email often, and make sure that my email address is listed in your contacts so that my email messages do not go to your spam folder. When working out a study guide before a test, try not to use any help resources. This will give you a better idea of what you know and what you don't know. PLEASE remember that I am here to help you and I hope you enjoy this course ☺.

**Attendance:** Since you will not have the lecture component of 3 hours per week as in a face-to-face class, it will be up to you to spend that time reading the textbook and watching the video lectures to learn the material. Therefore, it is highly recommended that you log in and work on this course on at least 4 different dates per week.

Week of	Sections Covered	Topic
August 16 <sup>th</sup>	P.5	Factoring Polynomials
August 23 <sup>rd</sup>	1.1	Graphs
	1.2	Linear and Rational Equations
August 30 <sup>th</sup>	1.3	Models and Applications
	1.4	Complex Numbers
	P.5 – 1.4	<b>Test 1</b> (will open Sept 7 <sup>th</sup> at 12:00AM and will close Sept 10 <sup>th</sup> at 11:59 PM)
September 6 <sup>th</sup>	1.5	Quadratic Equations
September 13 <sup>th</sup>	1.6	Other Types of Equations
September 20 <sup>th</sup>	1.7	Linear and Absolute Value Inequalities
	2.1	Basics of Functions and Their Graphs
September 27 <sup>th</sup>	2.2	More on Functions and Their Graphs
	1.5 – 2.2	<b>Test 2</b> (will open Sept 29 <sup>th</sup> at 12:00AM and will close Oct 2 <sup>nd</sup> at 11:59 PM)
October 4 <sup>th</sup>	2.3	Linear Functions and Slope
	P.5 – 2.3	Review for Midterm Exam
<b>Midterm Exam Saturday, October 10<sup>th</sup> 11:00 AM – 1:00 PM (on UNO campus)</b> <b>Room: To Be Announced</b>		
October 11 <sup>th</sup>	2.4	More on Slope
October 18 <sup>th</sup>	2.5	Transformations of Functions
October 25 <sup>th</sup>	2.6	Combinations and Composition of Functions
	2.7	Inverse Functions
November 1 <sup>st</sup>	2.8	Distance and Midpoint Formulas; Circles
	2.3 – 2.8	<b>Test 3</b> (will open Nov 10 <sup>th</sup> at 12:00AM and will close Nov 13 <sup>th</sup> at 11:59 PM)
November 8 <sup>th</sup>	3.1	Quadratic Functions
	3.2	Polynomial Functions and Their Graphs
November 15 <sup>th</sup>	3.6	Polynomials and Rational Inequalities
	4.1 /4.4	Exponential Functions; Exponential Equations
November 22 <sup>nd</sup>	4.2 /4.4	Logarithmic Functions; Logarithmic Equations
November 29 <sup>th</sup>	3.1 – 4.4	<b>Test 4</b> (will open Nov 29 <sup>th</sup> at 12:00AM and will close Dec 2 <sup>nd</sup> at 11:59 PM)
	P.5 – 4.4	Review for Final Exam
<b>Final Exam Monday, December 7<sup>th</sup> 10:00 AM – 12:00 NOON (on UNO campus)</b> <b>Room: To Be Announced</b>		

THESE DATES ARE TENTATIVE AND MAY CHANGE.

**Important Dates:**

Labor Day Holiday	Sept. 7
Last Day to Drop Courses	Oct. 14
Mid-semester Break	Oct. 15-16
Thanksgiving Break	Nov. 26-27

**Notes:**

- The final exam is departmental and comprehensive.
- There will be no extra credit given in this course.

Your grade will be determined by the following	Details	Percent of Final Average
Quizzes	MyMathLab	17%
Tests	MyMathLab	20%
Midterm Exam	On UNO campus	30%
Final Exam	On UNO campus	33%

**Assignments/Homework:** The homework assignments for this course will be completed in the “Homework” section of MyMathLab. You need to spend some time daily with the material. You may do each assignment and rework problems more than once to increase your score. If you get a problem wrong you can select “Similar Exercise” to get a new problem. If you need help with any homework, you may see me during my office hours or go to the Tutoring Center in MATH 105. I am also willing to help you via e-mail.

**Quizzes:** The quizzes for this course will be completed in the “Quizzes & Tests” section of MyMathLab. You will see the due dates for each quiz displayed on the left hand side of the quiz when you visit the “Quizzes & Tests” section. The quizzes are worth **17%** of your overall average in the course. Each quiz can be taken more than once before its deadline, but only your highest score on the quiz will be used in your overall average. You will be required to score a minimum of **80%** on section homework before you can attempt the quiz for that section. Three quiz grades will be dropped at the end of the semester to accommodate any missed quizzes.

**Tests:** Over the course of this semester there will be 4 Tests assigned. The Tests for this course will be completed in the “Quizzes & Tests” section of MyMathLab. Each test will be timed. Once the test is available, you will see the due date for the test displayed on the left hand side of the test when you visit the “Quizzes & Tests” section. The tests are worth **20%** of your overall average in the course. Study guides for each of these tests will be located in the “Homework” section of MyMathLab. Make sure that you complete each study guide before taking each test.

*To ensure academic integrity, all students enrolled in distance learning courses at the University of New Orleans may be required to participate in additional student identification procedures. At the discretion of the faculty member teaching the course, these measures may include on-campus proctored examinations, off-site or online proctored examinations, or other reasonable measures to ensure student identity. Authentication measures for this course are identified below and any fees associated are the responsibility of the student.*

**Midterm and Final Exam:** The midterm and final exam will be taken on campus at UNO. Both exams will be pencil-and-paper exams, they will be hand graded, and will contain NO multiple choice. These exams will NOT be taken in MyMathLab. The dates for each exam are listed on page 2 of this syllabus. The Midterm exam is worth **30%** of your overall average in the course. The Final exam is worth **33%** of your overall average in the course and is comprehensive and departmental. If you are an out of area student, you must contact me as soon as possible to discuss an acceptable off campus testing facility and to obtain a “Proctor Request Form”.

**Make-up exam policy:** A make-up exam may be given for a verifiable excuse and will be handled on a case-by-case basis.

**Extra Help/Tutoring:** Please come to my office hours on campus or e-mail me if you have a question. However, there is also free tutoring in the Math Tutor Center (Math 105). Based upon the availability of tutors, the math department may be able to provide free one-on-one tutoring.

**Letter Grade Assignment:**

The grading scale for this course is

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

## MyMathLab - Student Registration Instructions

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### To register for Fall 2015 Math 1115 – 476 internet:

1. Go to [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com)
2. Under Register, click **Student**.
3. Enter your instructor's course ID: [mancuso71793](#), and click **Continue**.
4. Sign in with an existing Pearson account or create an account:
  - If you have used a Pearson website (for example, MyITLab, MyMathLab, or MyPsychlab), enter your Pearson username and password. Click **Sign In**.
  - If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor's online course:
  - Use the access code that came with your textbook or that you purchased separately from the bookstore.
  - Buy access using a credit card or PayPal.
  - If you are waiting on financial aid, you can get 14 days of temporary access. (Look for a link near the bottom of the page.)
6. Click **Go To Your Course** on the confirmation page. Under MyLab/Mastering New Design on the left, click [Fall 2015 Math 1115 – 476 internet](#) to start your work.

### Retaking or continuing a course?

If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again. Under Register, click **Student**.

### To sign in later:

1. Go to [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com)
2. Click **Sign in**.
3. Enter your Pearson account username and password. Click **Sign In**.
4. Under My Lab/Mastering New Design on the left, click [Fall 2015 Math 1115 – 476 internet](#) to start your work.

**Additional Information**

See **Students > Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.

**Student Learning Outcomes:** Upon successful completion of this course the student will be able to:

- Perform basic operations using complex numbers
- Solve linear equations and linear inequalities
- Solve quadratic equations, radical equations, equations that are quadratic in form, and absolute value equations
- Solve polynomial, rational, and absolute value inequalities
- Use basic graphing techniques to graph lines and circles
- Determine the domain and range of functions
- Graph polynomial, exponential, logarithmic, and special functions
- Perform basic operations with the algebra of functions, including the composition of functions
- Find and graph the inverse of a function

**Student Conduct:** The University of New Orleans is a multicultural community composed of diverse students, faculty, and staff. UNO will not tolerate discrimination or harassment of any person or group of persons based on race, color, religion, sex, disability, national origin, age, sexual orientation, marital or veteran status or any other status protected by law. Each member of the university is held accountable to this standard, which is strongly reflected in this code. The code is available online at <http://www.uno.edu/studentaffairs/student-policies/index.aspx>. As a UNO student, I expect that you will conduct yourself in a manner that demonstrates personal integrity and ethical behavior. **Please be respectful to the rights and perspectives of others.**

**Academic Integrity:** Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The code is available online at <http://www.uno.edu/studentaffairs/student-policies/index.aspx>

**Accommodations for students with disabilities:** It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities should contact the Office of Disability Services as well as their instructors to discuss their individual needs for accommodations. For more information, please go to <http://www.ods.uno.edu/>

THIS SYLLABUS IS SUBJECT TO CHANGE.



## Syllabus Attachment

Fall 2015

### Important Dates\*

Last day to adjust schedule w/out fee .....	08/18/2015
Semester Classes Begin .....	08/19/2015
Last day to adjust schedule w/fee, or withdraw with 100% refund .....	08/25/2015
Last day to apply for December commencement .....	09/25/2015
Final day to drop a course or resign .....	10/14/2015
Mid-semester examinations .....	10/05-10/09/2015
Final examinations .....	12/07-12/11/2015
Commencement .....	12/18/2015

\*Note: check Registrar's website for Saturday and A/B sessions, and for items not listed here: <http://www.registrar.uno.edu>

### Fall Semester Holidays

Labor Day .....	09/07/2015
Mid-semester break .....	10/15-10/16/2015
Thanksgiving .....	11/26-11/27/2015

### Withdrawal Policy – Undergraduate only

Students are responsible for initiating action to resign from the University (withdraw from all courses) or from a course on or before dates indicated in the current Important dates calendar. Students who fail to resign by the published final date for such action will be retained on the class rolls even though they may be absent for the remainder of the semester and be graded as if they were in attendance. Failure to attend classes does not constitute a resignation. Check the dates on the Registrar's website, <http://www.registrar.uno.edu>. Please consult The Bulletin for charges associated with dropping and adding courses.

### Incomplete Policy – Undergraduate only

The grade of I means *incomplete* and is given for work of passing quality but which, because of circumstances beyond the student's control, is not complete. The issuance of the grade of I is at the discretion of the faculty member teaching the course. For all graduate and undergraduate students, a grade of I becomes a grade of F if it is not converted before the deadline for adding courses for credit (as printed in the Important Dates Calendar) of the next regular semester including summer semester.

### Repeat Policy

When a student is permitted to repeat a course for credit, the last grade earned shall be the one which determines course acceptability for degree credit. A student who has earned a C or better in a course may not repeat that course unless, (1) the catalog description indicates that the course may be repeated for credit, or (2) the student's Dean gives prior approval for documented extenuating circumstances.

### Graduate Policies

Graduate policies often vary from undergraduate policies. To view the applicable policies for graduate students, see the Graduate Student Handbook: <http://www.uno.edu/grad/documents/GraduateStudentHandbook2014.pdf>

### Academic Dishonesty Policy

<http://www.uno.edu/student-affairs-enrollment-management/documents/academic-dishonesty-policy-rev2014.pdf>

### Safety Awareness Facts and Education

Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here: <http://www.uno.edu/student-affairs-enrollment-management/>

### UNO Counseling Services and UNO Cares

UNO offers care and support for students in any type of distress. Counseling Services assist students in addressing mental health concerns through assessment, short-term counseling, and career testing and counseling. Find out more at <http://www.uno.edu/counseling-services/>. First-year students often have unique concerns, and UNO Cares is designed to address those students succeed. Contact UNO Cares through <http://www.uno.edu/fye/uno-cares.aspx>.

### Emergency Procedures

Sign up for emergency notifications via text and/or email at E2Campus Notification: <http://www.uno.edu/ehso/emergency-communications/index.aspx>. All emergency and safety procedures are explained at the Emergency Health and Safety Office: <http://www.uno.edu/ehso/>.

### Diversity at UNO

As the most diverse public university in the state, UNO maintains a Diversity Affairs division to support the university's efforts towards creating an environment of healthy respect, tolerance, and appreciation for the people from all walks of life, and the expression of intellectual point of view and personal lifestyle. The Office of Diversity Affairs promotes these values through a wide range of programming and activities. <http://diversity.uno.edu/index.cfm>

### Learning and Support Services

Help is within reach in the form of learning support services, including tutoring in writing and math and other supplemental instruction. Visit the Learning Resource Center in LA 334, or learn more at <http://www.uno.edu/lrc/>.

### Affirmative Action and Equal Opportunity

UNO is an equal opportunity employer. The Human Resource Management department has more information on UNO's compliance with federal and state regulations regarding EEOC in its Policies and Resources website: <http://www.uno.edu/human-resource-management/policies.aspx>