



MATH 1030 - Intermediate Algebra

I. Course Information

Course: MATH 1030 - Intermediate Algebra

Semester Credit Hours: 3.0

Course CRN and Section: 23491 - DA4

Semester and Year: Fall 2017

Course Start and End Dates: 08/21/2017 - 12/10/2017

Building and Room: Carl DeSantis Building - 3044

II. Instructor Information

Professor: Lazaro Diaz

Email:

Office Hours:

Day	Time	Location
T	4:00pm - 7:00pm	Mailman-Hollywood building 203
R	4:00pm - 6:00pm	Mailman-Hollywood building 203

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
TR	08/22/2017 - 10/05/2017	9:15 AM - 10:30 AM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-3044
T	10/10/2017 - 10/10/2017	10:30 AM - 12:30 PM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-3044
TR	10/17/2017 - 11/30/2017	9:15 AM - 10:30 AM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-3044
T	12/05/2017 - 12/05/2017	10:30 AM - 12:30 PM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-3044

IV. Course Description

This course is designed for students who have had some algebra. Topics include: algebraic expression and real numbers; linear equations and inequalities in one and two variables; quadratic equations; polynomials

and factoring; graphs of basic functions; systems of linear equations; and applications. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: MyMathTest Challenge Exam Level 1 score of 70 or higher or MATH 1000. Frequency: Every Fall and Winter.

V. Course Objectives / Learning Outcomes

- 1) Describe the solution sets for linear equations, linear inequalities, systems of linear equations, systems of linear inequalities, and polynomials.
- 2) Produce graphical representations of these solution sets.
- 3) Explain how to use linear equations, inequalities, and systems to describe real-world applications.
- 4) Use methods for solving linear equations, inequalities and systems to analyze real-world problems.

VI. Materials and Resources

Book Url: [NSU Book Store](#)

Section Required Texts and Material:

Title: Intermediate Algebra Plus MyMathLab--Access Card Package 12/E

Author: Bittinger, Beecher, & Johnson

Publisher: Pearson

Edition: 12th

ISBN-13: 9780321951755

Section Supplemental Material: Homework and quizzes will be done through MyMathLab.

To register for MATH 1030 DA4:

1. Go to www.pearsonmylabandmastering.com.
2. Under Register, select Student.
3. Confirm you have the information needed, then select OK! Register now.
4. Enter your instructor's course ID: diaz81993, and Continue.
5. Enter your existing Pearson account username and password to Sign In.
You have an account if you have ever used a Pearson MyLab & Mastering product, such as MyMathLab, MyITLab, MySpanishLab, MasteringBiology or MasteringPhysics.
If you don't have an account, select Create and complete the required fields.
6. Select an access option.
Enter the access code that came with your textbook or was purchased separately from the bookstore.
Buy access using a credit card or PayPal account.
If available, get temporary access by selecting the link near the bottom of the page.

7. From the You're Done! page, select Go To My Courses.
8. On the My Courses page, select the course name MATH 1030 DA4 to start your work.

To sign in later:

1. Go to www.pearsonmylabandmastering.com.
2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
4. Select the course name MATH 1030 DA4 to start your work.
To upgrade temporary access to full access:
 1. Go to www.pearsonmylabandmastering.com.
 2. Select Sign In.
 3. Enter your Pearson account username and password, and Sign In.
 4. Select Upgrade access for MATH 1030 DA4.
 5. Enter an access code or buy access with a credit card or PayPal account.

VII. Course Schedule and Topic Outline

{iSectionSchedule}

Topic Outline:

Class schedule subject to modification, but not without prior notification.

TOPICS:

Chapter R: Review of Basic Algebra

Chapter 1: Solving Linear Equations and Inequalities

Chapter 2: Graphs, Functions, and Applications

Chapter 3: Systems of Equations

Chapter 4: Polynomials and Polynomial Functions

Week 1 (08/21 -08/25): Tuesday Review R1-R7

Thursday 1.1

Week 2 (08/28 -09/01): Tuesday 1.2

Thursday 1.3

Week 3 (09/04 -09/08): Tuesday 1.4

Thursday 1.5

Week 4 (09/11 -09/15): Tuesday 1.6

Thursday 2.1

Week 5 (09/18 -09/22): Tuesday TEST 1: Ch. R, 1

Thursday 2.2

Week 6 (09/25 -09/29): Tuesday 2.3

Thursday 2.4

Week 7 (10/02 -10/06): Tuesday 2.5

Thursday 2.6

Week 8 (10/09 -10/13): Tuesday 3.1

Thursday 3.2

Week 9 (10/16 -10/20): Tuesday 3.3

Thursday 3.4

Week 10 (10/23 -10/27): Ch. 2, 3.1 - 3.4

Thursday 3.5 - 3.6

Week 11 (10/30 -11/03): Tuesday 3.7

Thursday 4.1

Week 12 (11/06 -11/10): Tuesday 4.2

Thursday 4.3

Week 13 (11/13 -11/17): Tuesday TEST 2: Chapter 2

Thursday 4.6

Week 14 (11/20 -11/24): Tuesday 4.7- 4.8

Thursday University Closed (Thanksgiving)

Week 15 (11/27 -12/01): Tuesday TEST 3: Chapter 3

Thursday Review

Week 16 (12/04 -12/08): Tuesday FINAL EXAM (Cumulative Ch. 1-4)

VIII. Grading Criteria

Final Grade:

Final Course Grade:

Your final grade is determined by your performance on a number of different tasks:

Grading Scale:

HOMEWORK 5%

QUIZZES 5%

TEST 1 20%

TEST 2 20%

TEST 3 20%

FINAL EXAM 30%

TOTAL 100%

Percentage Final Grade

93-100 A

90-92 A-

87-89 B+

83-86 B

80-82 B-

77-79 C+

73-76 C

70-72 C-

67-69 D+

65-66 D

Less than 65 F

IX. Course Policies

General Policy:

Attendance Policy: You are expected to attend all classes. It is your responsibility to complete all assignments on time regardless of whether or not you were present in the class.

Policy on makeup tests/quizzes: for all live classes, all makeup testing must be done at the Academic Services (tutoring and testing center). No makeup testing shall be done at any other location.

Classroom Etiquette: To create and preserve a classroom atmosphere that optimizes teaching and learning, students are expected to conduct themselves at all times in a manner that does not disrupt teaching or learning. You are expected to come prepared to class, be on time and remain in the classroom for the duration of the lecture. Talking, eating, sleeping, checking e-mail, using a phone or laptop, reading a newspaper, preparing for another class, packing up early is disruptive to others around you and to the instructor. Questions and comments must be relevant to the topic at hand. If you have a question or comment, raise your hand to be recognized. Electronic devices such as cell phones, iPods, tablets and computers must be turned off and put away during class. Student conduct which disrupts the learning process shall not be tolerated and may lead to disciplinary action and/or removal from class.

Online Homework and Quizzes

- Online problems are algorithmic iterations of the textbook exercises. All online assignments have a due date. Late submissions will not be accepted under any circumstances, so please

plan accordingly. Do not wait till the last moment to complete the assignments since you don't know what problems, technical or not, you might encounter along the way.

- Homework assignments can be attempted an infinite number of times but must be completed by 11:59pm on the assigned due date. It is your responsibility to track the due dates.
- Some homework assignments are extensive. Make sure to allocate enough time to complete them.
- To take a quiz you have to complete associated homework assignments with a score of 70% or more. If you do not score at least 70% on homework assignments, you will not be able to take the associated quiz and therefore you will receive a 0% on that quiz.
- You can take each quiz up to 3 times and only the highest score will be recorded.
- At the end of the semester the homework with the lowest grade and the quiz with the lowest grade will be dropped.
- A grade of 0 on a homework/ quiz will be assigned whenever a student did not attempt that assignment before the deadline.
- No Calculators

X. University Policies

Students should visit <http://www.nova.edu/academic-affairs/nsu-syllabus-policy.html> to access additional required college-wide policies. It is your responsibility to access and carefully read these policies to ensure you are fully informed. As a student in this class, you are obligated to follow these college-wide policies in addition to the policies established by your instructor.

The following policies are described on this website:

- Academic misconduct
- Last day to withdraw
- Email policy
- Student course evaluations
- Student responsibility to register
- Student responsibility for course prerequisites

Academic Resources

Nova Southeastern University offers a variety of resources that may aid in student success. Among these resources are:

Accommodations for students with documented disabilities: For more information about ADA policy, services, and procedures, students may call the Office of Student Disability Services at 954-262-7189 or visit <http://www.nova.edu/disabilityservices>.

Tutoring and testing center:

Students are encouraged to use the free, individualized tutoring services offered by the Tutoring and Testing Center (TTC). TTC provides a supportive atmosphere in which tutors and students work collaboratively on improving students' writing, math and/or science skills. <http://www.nova.edu/tutoring-testing/index.html>