NOVA SOUTHEASTERN UNIVERSITY
Halmos College of Natural Sciences and Oceanography

MATH 1040 - Algebra for College Students

I. Course Information

Course: MATH 1040 - Algebra for College Students
Semester Credit Hours: 3.0
Course CRN and Section: 24373 - DA8
Semester and Year: Fall 2017
Course Start and End Dates: 08/21/2017 - 12/10/2017
Building and Room: Mailman/Hollywood - 310

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	7:45 AM - 9:00 AM	Ft Lauderdale/Davie Campus	Mailman/Hollywood-310
R	10/12/2017 - 10/12/2017	8:00 AM - 10:00 AM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-2057
TR	10/17/2017 - 11/30/2017	7:45 AM - 9:00 AM	Ft Lauderdale/Davie Campus	Mailman/Hollywood-310
R	12/07/2017 - 12/07/2017	8:00 AM - 10:00 AM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-2057

IV. Course Description

This course is designed to provide students with a full range of algebra skills. Topics include: graphs of functions and relations; inverse functions; rational and radical expressions; linear, quadratic, and rational

functions; absolute value and radical functions; properties and graphs of exponential and logarithmic functions and applications. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or Math 1030. Frequency: Every Fall and Winter.

V. Course Objectives / Learning Outcomes

1) Demonstrate an ability to graph exponential, logarithmic, radical, and translations and/or reflections of functions.
2) Solve applied (verbal) problems involving exponential and logarithmic equations. equations involving rational, radical, and quadratic expressions.
3) Demonstrate an ability to add, subtract, multiply, and divide rational and radical expressions, solve an exponential and logarithmic equation, and rational, radical, and quadratic expressions.
4) Demonstrate an ability to simplify expressions with radicals and rational exponents, simplify complex fractions.
5) Demonstrate an ability to determine the domain, range, and composition of a function and its inverse.

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:
To register for MATH 1040 DA8:
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: diaz08464, 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 1040 DA8 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 1040 DA8 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 1040 DA8.
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 5 Rational Expressions, and Equations, and Functions
Chapter 6 Radical Expressions, Equations, and Functions
Chapter 7 Quadratic Equations and Functions
Chapter 8 Exponential and Logarithmic Functions

Week 1 (08/21 -08/25): Tuesday 5.1
Thursday 5.2

Week 2 (08/28 -09/01): Tuesday 5.3
Thursday 5.4

Week 3 (09/04 -09/08): Tuesday 5.5
Thursday 5.6

Week 4 (09/11 -09/15): Tuesday 5.7-5.8
Thursday 6.1

Week 5 (09/18 -09/22): Tuesday 6.2 - 6.3
Thursday 6.4

Week 6 (09/25 -09/29): Tuesday TEST 1: Ch. 5, 6.1 - 6.4
Thursday 6.5

Week 7 (10/02 -10/06): Tuesday 6.6
Thursday 6.7

Week 8 (10/09 -10/13): Tuesday 6.8
Thursday 7.1

Week 9 (10/16 -10/20): Tuesday 7.2-7.3
Thursday 7.4

Week 10 (10/23 -10/27): Tuesday 6.5 - 6.8, 7.1 - 7.4
Thursday 7.5 - 7.6

Week 11 (10/30 -11/03): Tuesday 7.7 - 7.8
Thursday 8.1

Week 12 (11/06 -11/10): Tuesday 8.2
Thursday 8.3

Week 13 (11/13 -11/17): Tuesday TEST 2: Chapter 6
Thursday 8.5

Week 14 (11/20 -11/24): Tuesday 8.6 - 8.7
Thursday University Closed (Thanksgiving)

Week 15 (11/27 -12/01): Tuesday TEST 3: Ch. 7
Thursday Review

Week 16 (12/04 -12/08): Tuesday Review
Thursday FINAL EXAM (Cumulative Ch. 5-8)

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