



Halmos College of Natural
Sciences and Oceanography

MATH 1200 - Precalculus Algebra

I. Course Information

Course: MATH 1200 - Precalculus Algebra
Semester Credit Hours: 3.0
Course CRN and Section: 20229 - DA2
Semester and Year: Fall 2017
Course Start and End Dates: 08/21/2017 - 12/10/2017
Building and Room: Carl DeSantis Building - 2078

II. Instructor Information

Professor: Dr. Abdelkrim Bourouhiya
Email: ab1221@nova.edu
Phone: 954-262-7996
Office Hours:

Day	Time	Location
MWF	8:10am - 8:50am	Parker 325
MWF	11:00am - 12:00pm	Parker 325

For other times, email me for an appointment

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
MWF	08/21/2017 - 10/06/2017	11:10 AM - 12:00 PM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-2078
F	10/13/2017 - 10/13/2017	10:30 AM - 12:30 PM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-2078
MWF	10/16/2017 - 12/01/2017	11:10 AM - 12:00 PM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-2078
F	12/08/2017 - 12/08/2017	10:30 AM - 12:30 PM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-2078

IV. Course Description

This course is for students with a strong background in algebra. Students will study fundamental concepts of algebra; equations and inequalities; functions and graphs; polynomials; and rational, exponential, and logarithmic functions. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or MATH 1040. Frequency: Every Fall and Winter.

V. Course Objectives / Learning Outcomes

- 1) Identify properties, laws, and definitions of algebra.
- 2) Factor and find real zeros of polynomials.
- 3) Solve and graph linear and quadratic equations and inequalities and graph Conic Sections.
- 4) Find the domain, range, and inverse of functions and graph functions including composite functions.
- 5) Solve, apply, & graph exponential and logarithmic functions.

VI. Materials and Resources

Book Url: [NSU Book Store](#)

Section Required Texts and Material:

Title: Precalculus plus MyMathLab -- Access Card Package, 10/E

Author: Sullivan Publisher: Pearson

Edition: 10th

Section Supplemental Material: Scientific Calculator

(No need for a programmable or graphing calculator)

VII. Course Schedule and Topic Outline

{iSectionSchedule}

Topic Outline:

Course schedule is subject to modification, but not without prior notification.

Dates of tests will be announced before the test day.

Dates of quizzes are not necessary announced in advance.

Week	Topic	Assignments (odds only)
1 - 2	Chapter 1	Chapter 1, Test 1
3 - 4	Chapter 2	Chapter 2, Test 2
5 - 6	Chapter 3	
8-10	Chapter 4	Chapter 4, Test 3
11-13	Chapter 10	
14	Chapter 5	Chapters 5, Test 4

Chapter 1 Graphs

Chapter 2 Functions and Their Graphs

Chapter 3 Linear and Quadratic Functions

Chapter 4 Polynomial and Rational Functions

Chapter 10 Analytic Geometry

Chapter 5 Exponential and Logarithmic Functions

VIII. Assessments

Your overall grade is based on quizzes, tests, Mymathlab online homework, a mid-term exam, and a final exam. A quiz usually covers two to three sections. A test usually covers one to two chapters. The midterm exam covers the chapters done during the first half of the term. The final exam is cumulative and covers all chapters of the course.

IX. Grading Criteria

Final Grade:

Quizzes	15%
Tests	30%
Mymathlab Homework	15%
Mid-Term Exam	15%
Final Exam	25%

Grading Scale:

90-100%	= A
80-89%	= B
70-79%	= C
65-69%	= D
Less than 65%	= F

The grades D+, C-, C+, B-, B+, or A- may be granted in some exceptional cases.

X. Course Policies

General Policy:

It is your responsibility to take all tests and quizzes. Failure to contact me on or before the day of the test or quiz will result in a zero for that test or quiz.

To make-up a missed test, you have to have a valid excuse. If your excuse is a doctor or hospital note, you then have to contact the disability services. As an instructor, I am not allowed to take a look on medical notes. No make-up is allowed for a quiz. However, the quiz with the lowest score will be dropped.

Programmable and graphic calculators are not allowed during a quiz or test. You are required to have a scientific calculator with you during each class.

Homework assignments will be given both in class from the textbook and in Mymathlab. The in-class homework assignments are not collected or graded. However, quizzes and tests may include exercises similar to those assignments. The homework assignments in Mymathlab have due dates and are graded. Your average score in Mymathlab at the end of the term is your homework grade.

It is your responsibility to check Mymathlab in a daily basis to do the homework before the due date. No make-up is allowed for Mymathlab homework assignments.

During the class, cell phone, tablet, laptop, or any electronic device must be turned off. The only exceptions are for a tablet or laptop that is used to take class notes or display the electronic textbook.

XI. 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>