



DAKOTA COLLEGE
AT BOTTINEAU

Minot Campus

Welcome to Beginning Algebra !

ASC 094 MWF Syllabus – Fall 2019
Three Credits

Instructor: Rahul Gomes

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Office Hours: MTWTh 3-5 pm

Class Schedule: MWF 1:00 - 1:50 PM

Prerequisites: None

Welcome to Beginning Algebra! This three credit course will be 16 weeks. This class does not satisfy college graduation requirements for math but is the first of three required courses needed to graduate from the NDUS colleges and universities. The first two courses are review and the third course, college algebra, is the course which is taken for credit and satisfies the math requirement. Topics covered in this course include properties of numbers, fundamental operations, factoring, fractions, exponents, radicals and equations.

Course Objectives

In this class you will learn techniques to analyze and solve various types of beginning algebra problems. Calculators are not allowed in this introductory course during exams, therefore you are encouraged to practice your skills and not rely on a calculator to get the answer during class and at home.

Learning Environment

As an active participant in this class, you will be attending class for two and a half hours each week. This class will utilize both direct instruction and collaborative learning.

Textbook

Beginning and Intermediate Algebra, Tobey, Slater, Blair and Crawford; 5th edition.
Pearson.

You have the option of purchasing the online only text with MyMathLab, or the textbook with the online MyMathLab component separately.

Course requirements

Learning algebra is an investment of time. Algebra is learned best by practicing, reflecting and practicing some more. You should be able to look at a problem, know how to proceed and be able to carry out the steps without assistance.

Evaluation

Quizzes – 50%

In class quizzes will be taken on paper in class unless otherwise stated. Missed quizzes must be made up within three business days.

Tests – 50%

There will be five exams throughout the semester. If you are unable to take exams on the mentioned date, you have to take them on an earlier date.

Based on North Dakota state policy, students must earn a grade of C or higher to be promoted to the next level of college mathematics. Letter grades are assigned using the following scale.

A	89.5%-100%
B	79.5-89.49%
C	69.5%-79.49%
D	59.5%-69.49%
F	59.49% or lower

Relationship to Campus Theme

The student will begin to see applications of algebra in nature, business, health, construction, etc. These problems will require critical thinking and interaction with other students.

Class Policies

Attendance

The sequential nature of mathematics makes it necessary for students to attend class and participate on a regular basis. Attendance is not mandatory, but be aware that your learning may suffer if you are not present.

Assignments

Students may work ahead; but make sure that you are at least complete to the level we are covering in class as it is very easy to fall behind in math.

Electronic Devices

Turn off (or mute) cell phones, pagers or other electronic devices as a courtesy to others. Students may use their phones for emergencies and step out of the classroom for calls as necessary. Above all, be respectful to your classmates and the process of learning. If there is discourtesy students will be asked to leave.

Student Email Policy

Dakota College at Bottineau depends on email as an official form of communication. A student's campus-assigned email address will be the only one recognized by the campus for official mailings. The liability for missing or not acting on important information conveyed via campus email rests with the student.

Disabilities and Special needs

If you have a disability for which you need accommodation, please see me immediately. If you have already met with Student Developmental personnel, please provide me with the information regarding your needs so that I can make the appropriate accommodations.

August 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19 Evening and Online classes begin after 4 pm	20	21 First day of class, review syllabus and complete MML overview	22	23 Introduction to numbers, fractions	24
25	26 Simplifying fractions	27	28 Adding, subtracting fractions	29	30 Multiplying, dividing fractions	31

September 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Labor day	3	4 Decimals, percents	5	6 Problem solving,	7
8	9 Chapter 0 test review	10	11 Adding, subtracting real numbers	12	13 Multiplying, dividing numbers	14
15	16 Chapter 0 test	17	18 Exponents	19	20 Order of operations	21
22	23 Order of operations	24	25 Order of operations	26	27 Distributive property, combining like terms	28

October 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30 Evaluating expressions, grouping symbols	1	2 Chapter 1 Test	3	4 Addition, multiplication, principles of equality	5
6	7 Using addition, multiplication principles	8	9 Solving equations with fractions	10	11 Solving equations with fractions	12
13	14 Translating English to Algebra	15	16 Solving word problems Ch. 2.6	17	18 Solving word problems Ch. 2.6	19
20	21 Chapter 2.8: solving inequalities, one variable	22	23 Chapter 2 test review	24	25 Chapter 2 test	26
27	28 Rules of exponents	29	30 Negative exponents, scientific notation	31		

November 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 Fundamental polynomial operations	2
3	4 Exponent review,	5	6 Multiplying polynomials,	7	8 Dividing polynomials	9
10	11 Veteran's Day	12	13 Working with multiplying, dividing polynomials	14	15 Chapter 5 test review	16
17	18 Chapter 5 test	19	20 Removing a common factor	21	22 Removing factoring by grouping	23
24	25 Factoring trinomials	26	27	28 Thanksgiving	29	30

December 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Factoring trinomials	3	4 Rectangular coordinate system, graphing	5	6 Final exam review	7
8	9 Chapters 6, 3 test	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25 Christmas	26	27	28