DAKOTA COLLEGE AT BOTTINEAU

COURSE SYLLABUS

Course Prefix/Number/Title: ASC 94 – Beginning Algebra

Number of Credits: 4

Course Description:

This course helps to develop fundamental skills required for the successful completion of studies in college level mathematics courses. Topics include solving linear equations, linear graphing, exponents and polynomial operations, factoring, rational expressions and equations, and roots.
Credit earned does not count towards any degree, nor does it transfer.
Placement is according to placement scores or on a voluntary basis.

Pre-/Co-requisites: none

Course Objectives:

It is expected that students will be able to

- Perform basic algebraic operations using positive and negative numbers, fractions, and exponents.
- Demonstrate an understanding of terms and rules used in algebra.
- Utilize problem-solving strategies to solve problems.
- Simplify expressions & solve equations and inequalities
- Plot points, graph linear equations, and find slope of a line.
- Factor using greatest common factor, factor by grouping, and factor trinomials.
- Simplify rational expressions.
- Simplify roots.

Instructor: Tracy Chisholm

Office: Nelson Science Center, Room 111

Office Hours: online through Blackboard messages or via email

Phone: (701) 228-5424

Email: tracy.chisholm@dakotacollege.edu

Lecture/Lab Schedule: online through Blackboard

Textbook(s):

This course uses an Open Education Resource (OER) and does not require that you purchase materials to complete the work.

Course Requirements:

As part of an online course, you will spend more time teaching yourself concepts than you may be used to doing. Thus, you may have to watch and re-watch the videos. Take notes, work along with the examples, try and retry problems using the online resources, or try odd problems in the e-text so you can check your answers. It is ok to make mistakes!!! *Learning requires mistakes!*

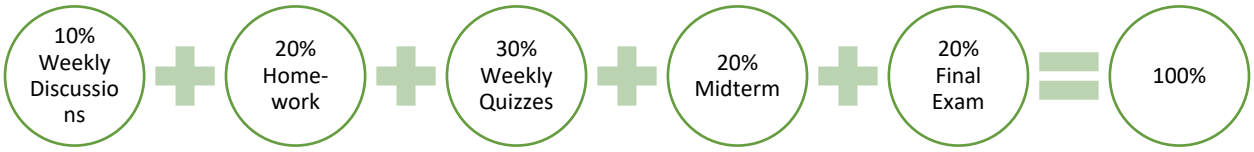
***Calculators are not permitted for Chapters 1-4 or on the Midterm Exam. You will be able to use one after the midterm.**

Each chapter/week is set up the same with these requirements:

Weekly Discussions: You will be required to make an initial post and at least two responses to other classmates' postings. Your initial post is required to be completed by Wednesday at midnight and must be at least three sentences. Two responses to other classmates are due by Sunday at midnight and must be at least one sentence that adds to the discussion. Simply saying "I agree" is not sufficient. Remember to be respectful in your opinions and respect the opinions of others. In other words, be polite, courteous, and considerate.

Homework: Homework is an important part of this course. It is extremely important for you to log in and do the homework every day! You must earn 70% or higher on each section homework to move on to the next section. If you need to do more problems to understand the material, then you should do so. Weekly homework is due no later than 11:59 pm CST on Sunday of the week it assigned.

Quizzes/Midtem/Final: There are fourteen quizzes, a midterm exam, and a comprehensive final exam in this course. Students are allowed two attempts on each quiz.
The midterm and final exam must be proctored. ProctorU is an online service that proctors tests



through use of a webcam and monitor access. You will be required to set up an account with ProctorU and schedule your test in advance. You will be charged a fee to use ProctorU.

A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%

Students need to earn a minimum of 70% (C) for a final grade to move onto any college level MATH course.

Tentative Course Outline:

Chapter	Dates
Chapter 1 – Foundations	Week 1
Chapter 2 – Solving Linear Equations	Week 2
Chapter 4 – Graphs	Week 3
Midterm Exam	Week 4
Chapter 6 – Polynomials	Week 5
Chapter 7 – Factoring	Week 6
Chapter 8 – Rational Expressions & Equations	Week 7
Chapter 9 – Roots & Radicals	Week 8
Final Exam	Week 8

General Education Competency/Learning Outcome(s) OR CTE Competency/Department Learning Outcome(s):

General Education Competency 3: Demonstrates mathematical understanding
Learning Outcome 1: Utilizes appropriate mathematical techniques
Learning Outcome 2: Employs critical thinking skills

Relationship to Campus Focus:

This course develops algebra skills that are used to solve problems in science, technology, business, and social sciences.

Classroom Policies:

- Regular participation is expected. This includes participation in course discussions, completing the homework and tests, and responding to emails from the instructor in a timely manner.
- The course "week" runs Monday starting at 12:00am through Sunday at 11:59pm. All work for the week is due at 11:59pm on Sunday. Discussions posted after the due date will receive a 0 (since they are discussions and discussions don't work well after the due date occurs).

Student Email Policy:

Dakota College at Bottineau is increasingly dependent upon 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 upon important information conveyed via campus email rests with the student.

Academic Integrity:

According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred.

Disabilities or Special Needs:

Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services.

Title IX:

Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College's Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX webpage.

AI Student Policy:

Unless otherwise indicated in the course syllabus, or in individual instructions for course assignments, or in the absence of the express consent of the course instructor, students are not allowed to utilize generative AI to help produce any of their academic work. Any violation of this policy will be considered an act of academic dishonesty as outlined within the Dakota College Code of Student Life.

RESPONSIBILITIES

Students	• Responsible to follow the syllabus and assignment instructions regarding use of generative AI for all academic work. • Obtain permission of the instructor prior to the use of generative AI that is outside of the syllabus or assignment instructions. Provide appropriate rationale for how the use of generative AI will enhance the learning experience for the assignment.

	• In instances where generative AI is permissible, appropriately cite the generative AI program used and indicate where in the assignment it was used, in a brief submission statement.
Faculty	• Determine if the use of generative AI could enhance student learning in any assignment of project. • Clearly indicate in all course syllabi if generative AI is allowable for any academic work. • If allowable, give specific parameters for how and when generative AI may be used. • If a violation of generative AI for the individual course/syllabus is suspected, discuss the concern with the student. If violation is still suspected, inform the appropriate semester coordinator/program director.