

## Dakota College at Bottineau Course Syllabus

### Course Prefix/Number/Title:

ASC 92 Algebra Prep. II, 2 credits

### 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.
- Factor using greatest common factor, factor by grouping, and factor trinomials.
- Plot points, graph linear equations, and find slope of a line.
- Analyze and solve various types of math problems

Utilize a handheld calculator when solving algebra problems

- Gain the skills needed to participate in a college algebra course

**Course Description:** This course continues the development of the fundamental skills required for the successful completion of studies in college level mathematics courses. Topics include Cartesian geometry and the graphing linear equations and inequalities, exponents and polynomials, formula manipulation, introduction to functions, and factoring quadratic expressions. Study skills will be incorporated throughout the course. Credit earned does not count towards any degree, nor does it transfer.

### Instructor:

Scott Johnson

### Office:

Nelson Science Center 110

### Office Hours:

MWF 1:00

### Phone:

(701)-228-5474

### Email:

scott.johnson@dakotacollege.edu

### Lecture:

MTWF 11:00-11:50

**Textbook/Calculator:**

Beginning and Intermediate Algebra, Tobey. Pearson Publishing, 2013.

**Course Requirements:**

The sequential nature of mathematics deems it necessary for students to attend class on a regular basis, therefore one of the course requirements is regular attendance. Grades will be based on exams. Exams and homework cannot be made up without special permission from the professor. FINAL EXAM WILL BE GIVEN DURING THE SCHEDULED TIME.

A = 90-100%

B = 80-89%

C = 70-79%

D = 60-69%

F = 59 - 0

**Classroom Policies:**

Please refrain from any behavior that would disrupt the class. Cell phones can only be used in emergency situations and they must be turned to vibrate. The academic environment is an open and harassment free environment. Participation is encouraged.

**Disabilities and Special Needs:**

If you have a disability for which you will need accommodation, contact the Learning Center to request disability support services.

Thatcher Hall 1104; phone 701-228-5477 or toll free 1-888-918-5623.

**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:**

If there is evidence of cheating on an exam the student will receive an F on the respective exam or assignment.

**Disabilities and Special Needs:**

Please inform instructor of any special needs during the first week of class