



# ASC 91 – Algebra Prep I

2 credits

Instructor: Jessica Haut

**Course Description:** This course begins with the development of the fundamental skills required for the successful completion of studies in college level mathematical courses. Topics include operations with whole numbers and fractions, order of operations, simplification and evaluation of expressions, and evaluation of one and two step linear equations and inequalities. Study skills will be incorporated throughout the course. Credit earned does not count towards any degree, nor does it transfer.

**Prerequisite:** 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.
- Analyze and solve various types of math problems

**Class Schedule:** MTWF 2<sup>nd</sup> 8-weeks 11:00am – 11:50am

| Monday        | Tuesday       | Wednesday     | Thursday | Friday        |
|---------------|---------------|---------------|----------|---------------|
| McFarland 123 | McFarland 123 | McFarland 123 |          | McFarland 123 |
| 11-11:50am    | 11-11:50am    | 11-11:50am    |          | 11-11:50am    |

**Instructor:** Jessica Haut

Office: McFarland 134

Phone: (701) 845-7685

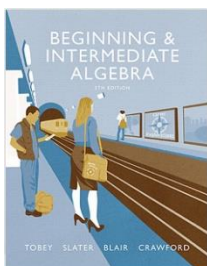
E-mail: [jessica.puhr.2@dakotacollege.edu](mailto:jessica.puhr.2@dakotacollege.edu)

Office Hours: Monday, Tuesday, Wednesday, Friday 1:00-1:50 pm, appointments on Thursday

## Tentative Course Outline:

| <b>Chapter</b>                      | <b>Topics</b>                                | <b>Dates</b>      |
|-------------------------------------|--|-------------------|
| Chapter 0<br>Sections 0.1 – 0.5     | Prealgebra Review                            | Weeks 1-3         |
| Chapter 1<br>Sections 1.1 – 1.9     | Real Numbers and<br>Variables                | Weeks 3-5         |
| Chapter 2<br>Sections 2.1 – 2.6,2.8 | Equations, Inequalities,<br>and Applications | Week 6-8          |
| Final Exam                          | COMPREHENSIVE                                | Week 8<br>May 8th |

**Required Text:** *Beginning & Intermediate Algebra 5th Edition* by Tobey, Slater, Blair and Crawford with MyMathLab online learning software. Pearson Publishing



MyMathLab Learning Software Website: [www.mymathlab.com](http://www.mymathlab.com)

## Course Requirements:

Learning algebra is an investment of time. Algebra is learned best by practice, reflect, and practice some more. Understanding the examples provided by the instructor and textbook is a good first step. However, to truly know the material, you should be able to look at a problem, know how to proceed, and carry out the steps **WITHOUT ASSISTANCE**. The independent practice and graded homework provide opportunities for you to get to that point. Passing grades on quizzes and tests demonstrate that you have indeed learned the skills taught. **Calculators will not be used in this class.**

**Homework (84 pts):** Homework will be assigned in MyMathLab at the end of each section. These are graded assignments that can be done multiple times. Only the highest score will be used. These assignments close at 11:59 PM, Central Daylight Time on the due date. **No late work will be accepted.** There will occasionally be in-class homework assignments. In-class assignments cannot be made up unless the absence is school related.

- Sections 0.1-0.5 = 20 pts
- Sections 1.1-1.9 = 36 pts
- Sections 2.1-2.7 = 28 pts

**Activities (33 pts):** Students will have time for activities each week. Activities will be done in class ONLY. Make-up activities will be provided for those whose absences are school related.

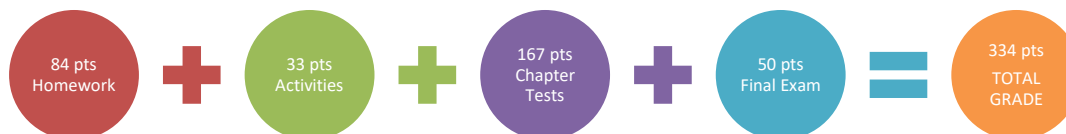
- Section 0 Activity = 11 pts
- Section 1 Activity = 11 pts
- Section 2 Activity = 11 pts

**Chapter Tests (167 pts):** A test will be given at the completion of each chapter. Students are allowed one attempt on each test and must be completed in one sitting. Tests must be taken on the day they are given or previous arrangements must be made prior to the test day. Tests will **NOT** be allowed to be taken in the CAVE, unless the student has documentation to do so. **If you miss an exam you must contact me within 24 hours of the missed exam to arrange for a time to make up the exam. MAKE UP TEST WILL ONLY BE TAKEN WITH MRS. HAUT.** Exams must be made up within 72 hours of the original exam time. If you do not contact me within 24 hours, a grade of 0 will be entered for the exam that was missed. The exam grade will be docked 10% per day for late points. Make-up tests may be more difficult than the one given for the regular scheduled test.

- Test 0 = 54 pts
- Test 1 = 55 pts
- Test 2 = 58 pts

**Final Exam (50 pts):** The final exam is comprehensive. Anyone who misses the final will receive a 0 on the exam and a grade of **F** for the course. No make-up final will be given.

***Cheating on tests will not be tolerated. If you are caught cheating, that will result in an automatic 0 for the exam.***



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

**NO EXTRA CREDIT!!!!**

### **Classroom Policies/Expectations:**

- Respect is to be shown towards the instructor and fellow students in the classroom.
- Attendance and participation is expected. This means you must be alert and paying attention to what is being discussed during class.
- Show up to class on time and be prepared (pencil, notebook, etc).
- Cell phones and all other electronics should be off/silenced and put away. You will be asked once to put the phone away, if asked again you will be asked to leave.

**Student Email Policy:** Dakota College at Bottineau/ Valley City State University 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.

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

**General Education Goals/Objectives:**

- Goal 2: Demonstrates knowledge and application of technology.
  - Objective 2: Uses electronic resources for course related assignments and information
    - Skill 1: Selects appropriate program on the graphing calculator to solve problems
- Goal 3: Demonstrates the ability to convert, calculate, and analyze a variety of mathematical problems
  - Objective 1: Utilizes mathematical equations to solve problems
    - Skill1: Solves equations and problems using the appropriate method
  - Objective 2: Applies practical application of mathematics to everyday life
    - Skill3: Solves word problems

**Academic Integrity:** The academic community is operated on the basis of honesty, integrity and fair play. It is the expectation that all students, as members of the college community, adhere to the highest levels of academic integrity. This means that:

- Students are responsible for submitting their own work. Student work must not be plagiarized.
- Students must not cooperate on oral or written examinations or work together on evaluated assignments without authorization.
- Cheating will not be tolerated. Any student found to be cheating will receive a 0 on the assignment; an additional incidence of cheating will result in the student being dismissed from the course.

**Disabilities and Special Needs:** If you have a disability for which you need accommodation, please let me know as soon as possible. You can also contact the Disability Service coordinator at 701- 845-7207.

The syllabus is a living document that is subject to change. Students will be informed of any changes.