

ASC 092 Beginning Algebra

Online

Course Description: This course is a beginning level algebra course. Topics covered include fundamental operations, fractions, exponents, equations, inequalities, and factoring. The class does not satisfy college graduation requirements for math.

Credits: 3 semester credits

Prerequisite(s): none.

Delivery Method: Online

Course Objectives/Student Outcomes:

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
- Utilize a hand-held calculator when solving algebra problems.
- Gain the skills needed to participate in a college algebra course.
- Factor using greatest common factor, factor by grouping, and factor trinomials of the form x^2+bx+c .

Instructor: Jan Nahinurk

Office: Online

Office Hours: Use the eMail tool within the online course to communicate with the instructor. Course eMail messages will be checked daily, Monday through Friday.

Technical Problems: If you have a technical problem, contact the Distance Education office by calling 1-701-228-5479 or 1-888-918-5623 (toll-free) or the ND University System Moodle help desk: **1-866-940-0065**

Email: Use online course eMail tool.

Class Schedule: Online; homework and tests must be completed on or before due dates. Students may work ahead.

Textbook: Tobey, Slater, Blair, & Crawford; *Beginning & Intermediate Algebra*, 4th Ed - E-Text with MyMathLab access code.

Order by email: bookcell@dakotacollege.edu or call 1-701-228-5458.

Course Requirements:

Learning algebra is an investment of time. Algebra is learned best by practice, reflect, and practice some more. Understanding the steps in the topic explanations and video presentations

is a good start. 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 multiple attempts in completing the homework provides opportunities for you to get to that point. Passing grades on assessments demonstrate that you have indeed learned the skills taught.

Homework: There are 36 homework assignments located in MyMathLab. These assignments can be done multiple times and the best scores will be used. Grades of 80% or higher are required to proceed to the subsequent homework assignment. Homework constitutes 50% of the student's final grade.

Tests: Eight tests are administered over the eight-week term. The Pre-assessment test is not calculated into the final grade. Results on the other tests constitute 50% of the student's final grade. Students are allowed one attempt on each test. It is the student's responsibility to take tests on the dates they are available.

Course Calendar: Assignments are due on or before the dates listed. Students may work ahead.

ASSIGNMENT	DUE	CLOSES		ASSIGNMENT	DUE	CLOSES
MyMathLab Overview	08/21/12	11:59pm		Chapter 2.4 Homework	09/13/12	11:59pm
Pre-Assessment	08/22/12	11:59pm		Chapter 2.5 Homework	09/13/12	11:59pm
Chapter 0.1 Homework	08/23/12	11:59pm		Chapter 2.6 Homework	09/14/12	11:59pm
Chapter 0.2 Homework	08/23/12	11:59pm		Chapter 2.7 Homework	09/14/12	11:59pm
Chapter 0.3 Homework	08/24/12	11:59pm		Chapter 2.8 Homework	09/17/12	11:59pm
Chapter 0.4 Homework	08/24/12	11:59pm		Chapter 2 Test	09/19/12	11:59pm
Chapter 0.5 Homework	08/27/12	11:59pm		Chapter 5.1 Homework	09/19/12	11:59pm
Chapter 0.6 Homework	08/27/12	11:59pm		Chapter 5.2 Homework	09/20/12	11:59pm
Chapter 0 Test	08/29/12	11:59pm		Chapter 5.3 Homework	09/21/12	11:59pm
Chapter 1.1 Homework	08/30/12	11:59pm		Chapter 5.4 Homework	09/24/12	11:59pm
Chapter 1.2 Homework	08/31/12	11:59pm		Chapter 5.5 Homework	09/24/12	11:59pm
Chapter 1.3 Homework	09/04/12	11:59pm		Chapter 5.6 Homework	09/25/12	11:59pm
Chapter 1.4 Homework	09/05/12	11:59pm		Chapter 5 Test	09/27/12	11:59pm
Chapter 1.5 Homework	09/05/12	11:59pm		Chapter 6.1 Homework	09/28/12	11:59pm
Chapter 1.6 Homework	09/06/12	11:59pm		Chapter 6.2 Homework	09/28/12	11:59pm
Chapter 1.7 Homework	09/06/12	11:59pm		Chapter 6.3 Homework	10/01/12	11:59pm
Chapter 1.8 Homework	09/07/12	11:59pm		Chapter 6.4 Homework	10/02/12	11:59pm
Chapter 1.9 Homework	09/07/12	11:59pm		Test: Chapter 6	10/04/12	11:59pm
Chapter 1 Test	09/11/12	11:59pm		Chapter 3.1 Homework	10/05/12	11:59pm
Chapter 2.1 Homework	09/12/12	11:59pm		Chapter 3.2 Homework	10/05/12	11:59pm
Chapter 2.2 Homework	09/12/12	11:59pm		Chapter 3 Test	10/09/12	11:59pm
Chapter 2.3 Homework	09/12/12	11:59pm		Final Exam	10/11/12	11:59pm

Relationship to Campus Theme:

Learning algebra is an investment of time. This course introduces algebra skills that are used to solve problems in science, technology, business, and social sciences.

Classroom Policies:

- Regular participation is expected.
- Learning activities and evaluation will occur in the MyMathLab learning system and requires Internet connectivity.
- Tests will be available for a limited period of time. Students should complete the tests without the use of notes or other materials.

Evaluation:

Based on ND state policy, students must earn grades of C or higher to be promoted to the next level of college mathematics. Letter grades are assigned using the scale below.

A--90-100%
B--80-89%
C--70-79%
D--60-69%
F--59% or lower

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 work together on graded assignments without authorization from the instructor or get help from people, technological resources, textbooks, notes, etc. on examinations.

To learn how to avoid plagiarism in your work, review the website from Purdue University, [Is It Plagiarism Yet?](#)

Violations of academic principles such as cheating, plagiarism or other academic improprieties will be handled using the guidelines outlined in the [Student Handbook](#) on pages 18, 19, and 37.

Disabilities and Special Needs:

If you have a disability for which you need accommodation, contact the Learning Center to request disability support services: phone 701-228-5477 or toll-free 1-888-918-5623.