ASC 091 Algebra Prep I

Online

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

Credits: 2 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.

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: bookstore@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.

Lessons: The online learning environment will include video lessons for each section covered in the course. Students are expected to take notes.

Practice Assignments: 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. Do the work well in advance.

Quick Quizzes: Each lesson and practice is followed by a graded quiz of three questions. The due dates correspond with those of the related practice assignments.

Tests: A *ungraded* pre-test is given early in the course. Five graded tests and a comprehensive final are administered over the eight-week term. Students are allowed one attempt on each test. It is the student's responsibility to take tests on (or before) the dates they are available.

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

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: 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.