

# BISMARCK STATE COLLEGE

FALL 2009

- Course:** Math 103 College Algebra  
Meets MTWF 7:30 – 8:20AM ITV
- Credit Hours:** 4 semester hours
- Instructor:** Brandt J. Dick Fax: 782-6245  
Office: HMB School Phone: (W) 782-6231  
[brandt.j.dick@sendit.nodak.edu](mailto:brandt.j.dick@sendit.nodak.edu) (cell) 220-3176
- Office Hours:** Flexible
- Materials:** *Text:* College Algebra 5<sup>th</sup> Edition  
Stewart, Redlin, Watson (Required)  
Call BSC Bookstore to order 701-224-5453  
*Calculator:* A graphics calculator is **required** for this class. I recommend the TI-82, TI-83, TI-83 Plus, TI-84, TI-85 or TI-86. The calculator will be used extensively in class. You must, therefore, have your calculator with you every day when you come to class. Much of your homework will require the use of the graphics calculator.
- Course Description:** Prerequisite: Two years of high school algebra, Math 102, or qualifying ACT score. In this course the topics we study will include solutions of linear, quadratic, and higher degree equations and inequalities; graphing functions and relations; polynomial and rational functions; non-linear systems of equations; complex numbers; and exponential and logarithmic functions.
- Course Objectives:** Students successfully completing this class will:
- 1) Have the ability to organize data and make inferences about real- world situations.
  - 2) Have the ability to use abstract concepts and symbols to solve (apply) equations and inequalities.
  - 3) Have the ability to demonstrate an understanding of the function concept by several means (verbally, graphically, numerically, and symbolically).
- Assessment Methods:**
- 1) *Unit Tests:* These will be announced at least two days in advance. There will be five of these exams, worth 100 points each.
  - 2) *Final Test:* A comprehensive exam will be given at the end of the course. It will be worth 200 points.
  - 3) *Homework:* Assignments should be kept in a notebook, which you should bring to class with you each day. At times, a question(s) on your daily quiz will be a problem(s) from your homework. When this occurs, you will copy the

homework problem(s) from your notebook. No credit will be given unless you have the necessary work for your solutions. No credit will be given for solutions copied from the solutions manual. Your homework notebook needs to be organized with assignments labeled by section and page number. **YOU SHOULD BE SPENDING ABOUT TWO HOURS OUTSIDE OF CLASS STUDYING AND DOING HOMEWORK FOR EVERY HOUR SPENT IN CLASS.** Don't get behind on your homework.

- 4) *Daily Quizzes:* Our classes will usually begin with a short quiz, usually worth three points, on the material covered in the previous day's lesson or from your homework. You will receive one point for turning in a paper. The other points will be for the questions asked (usually two). These quizzes **CANNOT** be made up. I will drop one daily quiz grade for the material covered in each unit test.

**Grading Policy:**

Your letter grade will be based on the following percentage scale: Tests will be 50% of grade, Homework and Quizzes will be 30%, and class participation and attendance will be 20%.

100 – 90	A
89 – 80	B
79 – 60	C
59 – 50	D
49 – 0	F

Grades will be posted periodically. If you have questions about your grade at any time, I will be happy to discuss it with you.

**Cheating Policy:**

In accordance with the Student Academic Honor Code from page 1 of the Student Policies section of the BSC Policies and Procedures document, I will not tolerate cheating, plagiarism, or collusion in class work or test taking. All notebooks, books, and materials must be put away during test time. Any evidence of cheating will result in a zero for that quiz or exam.

**Disability Statement:**

Students with a documented disability are strongly encouraged to discuss their needs with the instructor and with the professional staff in the Veterans Service and Student Accessibility Office in Schafer Hall, Room 111 B. We will work closely with you to ensure that you get the assistance for which you are entitled.

**Attendance:**

Regular class attendance is a factor in determining your final grade. If you do not attend class regularly, your chances of passing this class are slim. In other words, I expect to see you in class. If you must be absent and need to contact me, call or e-mail me. If I am not available when you call, leave a message.

**Make-up Test Policy:**

Chapter tests may be made up if you have a valid excuse that I am aware of **BEFORE** the exam is given. You will receive a zero on a test if you are absent and I am not aware of the reason.

Tests missed, with a valid excuse, will be taken the day you return unless other arrangements have been made. If you are ill, be sure to call and let me know.

**Late Work:**

Late work will be accepted for half-credit one class period after it is due. After that, if you have not spoken with me to make other arrangements, no credit will be given.

**Electronic Devices:**

Cell phones, Ipods, blackberrys, etc. are not allowed in the ITV classroom.

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## **ACADEMIC CALENDAR FALL SEMESTER 2009**

Monday, August 24	Classes Begin
Monday, September 7	No Class Labor Day
Friday, October 23	No Class Teacher's Convention
Friday, November 6	No Class
Wednesday, November 11	No Class—Veteran's Day
Friday, November 27	No Class
Monday-Friday December 14-18	Final Test Week

## **COURSE CALENDAR**

(These dates are only approximate. It is likely that we will deviate from this schedule.)

Test 1	September 14	Sections 2.1 – 1.5
Test 2	October 5	Sections 1.6. – 3.3
Test 3	October 21	Sections 3.5 – Focus on Modeling
Test 4	November 10	Sections 4.3 – 5.1
Test 5	December 8	Sections 5.2 – 7.1

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