

- 3. **Learning Outcome-** Students will perform basic algebraic operations.
Course Objective : To solve inequalities
- 4. **Learning Outcome :** Students will be able to construct graphs.
Course Objective : Construct graphs of linear equations in 2 variables
- 5. **Learning Outcome :** Students will be able to simplify expressions.
Course Objective : Apply rules of exponents to simplify expressions
- 6. **Learning Outcome :** Students will be able to perform operations on Polynomials
Course Objective : Students will factor polynomials and perform 4 basic operations on polynomials.

C. Learn Independently

Learning Outcome : The student will apply their learning.

Course Objective : The student will understand applications that lead to the solution of problems.

Method of Instruction: The mathematics content will be presented by two methods:

- 1) Lecture and note taking from the board
- 2) MathZone internet based tutorial program

Assignments can be taken and graded by the MathZone program.

Explanation of Grading System:

4 Tests @ 100 pts ea.	400 points
Final Examination	100 points (Can be doubled for 200 points)
Exercises from MathZone	100 points
Total Points	600 points

Final numerical score = Total points earned ÷ 600 (* This is converted to percent)
The above numerical score is converted to its corresponding letter grade according to the grading scale.

Total Course Grading Scale: A= 90-100, B=80-89, C=70-79, D=60-69, F=0-59

***All students must complete the course to receive credit. If a student stops attending class toward the end of the semester and does not take the final examination, a grade of “F” will be given.**

Course Requirements:

Attendance - You are expected to attend all classes and to be on time. Any combination of three tardies or early dismissals count as an absence. A very detailed record of your attendance will be kept by your instructor. This record may be shared with the Dean of Enrollment through the Early Alert System. Your attendance record may be given to the Registrar for Financial Aid purposes. If you are in an athletic program, your coach will probably be interested in your attendance history.

Mathematics Portfolio - You are given the opportunity to prepare in class a **mathematics portfolio** during the semester according to the following guidelines:

Your math notes should be kept in a 3-ring binder with 2 pockets. It can be organized in the following way:

- 1) **Daily notes clipped in the middle.**
- 2) **Assignments in one pocket of notebook**
- 3) **All graded tests in another pocket**
- 4) **Other written assignments from a math film or computer retrieved topic**
- 5) **Course Syllabus**

If your mathematics portfolio is neat, complete, and meets all of the above guidelines you can present this work at the end of the semester to receive an additional grade of 100 points to be computed into your average.

*** If you do not adhere to the above guidelines, do not present this work for a grade.**

**Order of Presentation of Material
(anticipated number of classes)**

**Aug.18 – Sept.3
(5 meetings)**

**Chap.1 Order of operations and simplification of
numeric and algebraic expressions**

**Sept.8 –Sept.29
(7 meetings)**

Chap.2 Solutions of Equations/Inequalities

**Oct.1 – Oct.27
(7 meetings)**

Chap. 3 Graphing linear equations

**Oct.29 – Nov. 24
(8 meetings)**

Chap. 4&5 Laws of Exponents & Polynomials

Dec.1, Dec.3

Course and Final Exam Reviews

Dec.8 (1:00pm-3:00pm) Final Exam.

Approximate dates of tests:

Test 1: 9/03/08 (Order of Operations, simplification of numeric and alg. expressions)

Test 2: 9/29/08 (Solutions of Equations and Inequalities)

Test 3: 10/27/08 (Graphing linear equations in 2 variables by using different forms of linear equations)

Test 4: 11/24/08 (Laws of Exponents & Polynomials)

Test 5 : (Final Exam.) Date: 12/08/08 Time: 1:00pm-3:00pm

The lowest test score will be dropped with the exception of the final examination, if the student has perfect attendance.

*Remember, any combination of 3 tardies or early dismissals are counted as an absence.

Student's responsibility in case of an absence:

Absences and withdrawal from course: *Refer to the Attendance information provided in the Saint Catharine College Catalog.*

If you miss a class for any reason, you are responsible for all material covered and assigned. The Mathematics- Developmental Education Notebook (M-DEN) for your class will be kept in the Resource Center which contains the daily notes and the assignment. If you miss a class, report to the Resource Center and refer to this course notebook with a tutor. If you miss an hour of class, spend an hour of time in the Resource Center to catch up. Your time in the Resource Center will be kept in a log book for both a reference and record. Documents that explain absences may be given to the instructor to be filed as a record. (Parental notes will not be accepted.) Exceptions will be made for student athletes when they are absent due to school- related sporting events. Also exceptions will be made for any student who is representing our college in a school function.

(All students regardless of the reasons for being absent should make up their time at the Resource Center to learn the material covered on the days of absence.)

* If a student is absent on a test day, arrangements should be made with the instructor and the test must be made up within one week. If these conditions are not met, the student will receive a grade of "0" on that test.

Academic Integrity: Academic dishonesty, whether intentional or not, is a serious offense. Read the Saint Catharine College Catalog for the basic statement of principle, definitions, responsibilities, policies, and penalties of academic dishonesty.

Classroom Behavior Statement:

You are expected to behave in a Christian manner toward students and instructors. No disruptive or disrespectful behavior will be tolerated. Any student who is guilty of any of these behaviors will be dismissed from class and counted absent. Any student who is found sleeping during class will be dismissed from class for that day and be counted absent. Cell phones must be turned off and kept in book bags. Students are not allowed to share calculators during tests or quizzes. There may also be some tests where you will not be allowed to use a calculator.

Classroom learning accommodations:

For special classroom accommodations contact Dr. Pendley (Betrand Hall-Office B-3)

Important dates:	Fall Semester of 2008
August 18	First day of class for 16 week courses
August 22	Last day to withdraw from a 16 week course(s) without record
September 1	Labor Day Holiday
October 7	Midterm Grades Due

October 10	Midterm Grades Mailed to Students
October 20-21	Mid-term Break
November 4	Last day to withdraw from 16 wk. course with grade of W or change to audit
November 20	Thanksgiving Convocation, 1:00 pm
November 26-30	Thanksgiving Holiday
December 3	Last day of class
December 4,5,8-10	Final Examinations
December 12	Final Grades Due
December 17	Final Grades Mailed to Students

Special Note to Student

Mathematics is a course that needs to be studied daily. Your class may only meet 2 times per week. However you need to focus on it Monday through Friday. Sometimes working out of class at home may not prove to be too productive for you. Even though I recommend that you work at every opportunity, the following special accommodations will be made for you.

My office hours will be posted and given to you. Feel free to arrange to see me for any help in this course. The Resource Center (Room BH 10) will be opened daily with set hours where you can receive tutoring. An appointment is not necessary when you report to Resource Center.

Math – DEN stands for **M**athematical **D**evelopmental **E**ducational **N**otebook.

This is a special notebook left in the Resource Center that contains the notes for your specific math class. The M-DEN system will be explained in detail when we begin our classes.

The **MathZone** is an Internet Web based program in which you will register.

This program is an excellent learning tool for learning mathematics.

***The MathZone program is a resource requirement for this course.**

MathZone will be included with purchase of new textbook.

Aug 18, 2008 (Fall semester)
Mat 091013