

DIXIE STATE COLLEGE of UTAH
SYLLABUS

for

BOTH MATH 1010: Intermediate Algebra Classes

Hurricane Campus (4 Credits)

9:00 A.M. Tues. and Thur. CRN 21174 4:00 P.M. Tues. and Thur. CRN 21165

Course begins January 5, 2009 and ends April 30, 2009

INSTRUCTOR: **Gordon Russell**

OFFICE: **HUR 102**

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OFFICE HOURS: 3:00-3:50 (Mon. to Thur.) TUTOR TIMES to be **ARRANGED** in **CLASS**

A. PREREQUISITE

The prerequisite for Math 1010 is an ACT/DCAT score of 18 to 23.

B. REQUIRED TEXTBOOK and SUPPLIES

The textbook for this course is titled *INTERMEDIATE ALGEBRA 5th.EDITION* by K Elayn Martin-Gay at a cost of about \$120.00. The student solutions manual and a computer tutor package are available but not required. A scientific or graphing calculator is required for this course. A copy of the textbook is available for inspection in the library.

C. COURSE OBJECTIVES

All mathematics classes at DIXIE COLLEGE will:

1. Require students to perform mathematical processes including fractions, percentages, decimals, proportions/ratios, algebraic equations and/or calculus techniques.
2. Provide students with application problems that use a variety of methods including arithmetical, algebraic, and geometric.
3. Challenge students to make inferences from mathematical models that include formulas, graphs, and tables.
4. Provide students with real-life applications that use a variety of mathematical functions.

Upon successful completion of MATH 1010, a student will demonstrate through testing the ability to:

1. Perform basic mathematical operations on rational numbers with and without a calculator, including fractions, percents, and decimals.
2. Use algebraic processes to solve algebraic equations in one, two, and three unknowns.
3. Demonstrate the concept of equivalence including the use of variables to define relationships.
4. Work with functions that serve as models of real-world problems including polynomial, quadratic, exponential, and logarithmic functions.

D. DISABILITY SERVICES:

If you are a student with a documented medical, psychological, or learning disability and would like to request accommodations, please contact the Disability Resource Center (652-7516) in the Student Services Center Room # 201. They will determine your eligibility for services based on professional documentation. If eligible, they will authorize reasonable accommodations that are appropriate for your disability.

E. DISHONESTY:

Dishonesty will not be tolerated. Any student cheating on a test will receive a zero for that test. Cheating on the final exam will result in a failing grade for the course. Giving as well as receiving information for a test is dishonest.

F. CLASS STRUCTURE:

“Warm-ups” will start the class most days to help you remember the previous material. In lieu of warm-ups a quiz may be given. Next, new material will be presented for discussion to prepare you for homework due the following class. The previous assignment will be discussed to help you understand the course content and give you feedback on your assignments.

G. CHANGES:

This syllabus and /or assignment schedule may be changed if necessary by the instructor. All changes will be announced in class. (If you are not in class and are not sure of any assignment changes, then do every third problem.)

H. Writing Center: If you need assistance with a written assignment in any class, the Writing center is located on the first floor of the Browning Learning Resource Center.

I. Computer Center: There will be two computer centers available for you to use, one is located on Dixie State’s main campus the other is here at the Hurricane Center.

J. Tutoring Center: The Tutoring Center is located on the first floor of the Browning Learning Resource Center. Drop in Mathematics tutoring is available. The tutoring schedule is posted at the sign-in desk for the Tutoring Center.

K. Respect For Others:

To avoid disrupting the work of others, please plan to arrive to class on time and be prepared to work (i.e. have your pencil, eraser. Book, paper, homework, and calculator.). Additionally, please feel free to offer your opinions and questions to the class, but do not carry on side conversations or otherwise prevent those around you from concentrating on the class work and discussions. Cell phones will not be tolerated for any reason during class time. In general, students may not engage in an activity which the instructor deems disruptive or counter-productive to the goals of the class. Instructors have the responsibility to remove offending students from the class either temporarily or permanently.

GRADE RECORD If I make an error in my records concerning your grade, that error must be verified by you with your records in order to provide the necessary changes. The following worksheet may help you:

<i>TEST</i>	<i>QUIZ</i>	<i>HOMEWORK</i>			
1. _____	_____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____	_____
6. _____	_____	<i>FINAL</i> _____			
TEST TOTAL	QUIZ TOTAL	HOMEWORK TOTAL		OTHER POINTS	
<u>TOTAL POINTS</u>	_____	<u>GRADE PERCENT</u>		<u>FINAL GRADE</u>	
_____	_____	_____ %		_____	

"Do not worry about your difficulties in mathematics; I can assure you that mine are still greater"

Albert Einstein

Grading as Follows:

1. Homework	140	A	94-100	C	70-75
2. Tests	600	A-	90-94	C-	65-70
3. Quizzes	100	B+	87-90	D+	60-65
4. Class Participation	60	B	83-87	D	55-60
5. Paper	100	B-	80-83		
6. Final Exam	200	C+	75-80	F	Below 55
TOTAL POINTS	1200				

Please Note: If it is in the best interest of this class to change anything listed, it will be announced in class and you will be expected to follow the changes.

My anticipated grade for this class _____.

Some Requirements to achieve the goals that will help you succeed in this class are:

1. ***BE TO CLASS ON TIME EVERYDAY:*** If a problem arises - let me know personally before or as soon as possible. Quizzes, tests and other work cannot be made up. Therefore, additional points could be lost when you choose not to be in class.

2. ***PARTICIPATE IN CLASS:*** This class may require some lessons that involve group participation and /or board work. At times I will ask you to work in class so I can help you before you leave.

3. ***DO THE ASSIGNMENTS EVERYDAY:*** Homework is assigned as outlined in the assignment schedule and is due the next class meeting. The homework will be graded for effort and completion.

All work should be numbered and neatly done showing all significant steps for each problem. (Answers only will receive NO CREDIT).

4. ***TAKE EVERY TEST ON TIME:*** No make-ups or retakes will be allowed except for very unusual circumstances. However, I will replace your lowest test score with the average of that score and your final exam score. There will be six unit tests worth 100 points each. Read the schedule and be aware of when tests will be given. Tests will not be given early or late and cannot be made up. If an emergency arises, call me and talk to me personally. The ***Final Exam*** is a comprehensive exam worth 200 points. This exam must be taken as scheduled. If you need to change the time and/or date of the exam, you must secure permission from the Dean. He/She will require you to write an essay explaining the need for the change.

5. ***WRITE A SHORT PAPER:*** The paper should discuss where math is used in your major or future goals. It should have a title, contain at least four references, be double spaced and **at least three pages** in length. Content and punctuation will be important. The purpose is to help you focus on your future goals. At least two of your references must be interviews. It may be turned in anytime before **the scheduled time on the calendar.**

6. ***TAKE QUIZZES:*** Quizzes will be given periodically and unannounced. They will contain problems similar to the homework. **They cannot be made up.**

7. If you need additional help, videos and instructors annotated textbook can be viewed in the library.

Some Helpful Hints that can make this class useful, fun and beneficial to you are simple. Get into a routine. ***Set aside an hour and a half everyday at the same time to do math.*** (Just like physical exercise is healthy--Mental exercise is just as healthy)Two way communication is vital to ***"our"*** success, so ask questions. Asking questions can save you time as well as relieve your frustrations. **Remember, I am here to help you succeed in math - NOT FAIL.** Let's work together and make this class enjoyable for all.

Your Schedule: It is your responsibility to ensure the accuracy of your class schedule once you receive it. Be sure to check it after every change you make to your schedule.

Withdrawing from or dropping a class: If you never attend a class, the instructor may withdraw you. If you attend for even one day, the instructor cannot withdraw you from the class. It is your responsibility to take care of the problem yourself. You should go to the registration area and discuss it with them. If you stop attending and do not withdraw from the class, you will receive a letter grade of "WF" which will then convert to an "F" grade on your GPA.

Complete Withdrawal: Dropping all classes by phone or online does not withdraw you from college. You will receive all "F's" unless you contact the Advisement Center, fill out a complete withdrawal form, and surrender your student ID card.

Receiving your Grades at the end of the semester: Your course grade will be posted on the internet grading system program as soon as possible after the final exam has been graded and grades are tabulated. This should occur no later than 48 hours after the final exam is given in all classes.

***SUCCESS is determined mainly by your ATTITUDE and PERFORMANCE,
not your talent or potential.***

ATTITUDES

"The longer I live, the more I realize the impact of attitude on life. Attitude, to me, is more important than facts. It is more important than the past, than education, than money, than circumstances, than failures, than success, than what other people think say or do. It is more important than appearance, giftedness, or skill. It will make or break a company... a church... a home. The remarkable thing is we have a choice everyday regarding the attitude we will embrace for that day. We cannot change our past...we cannot change the fact that people will act in a certain way. We cannot change the inevitable. The only thing we can do is play on the one string we have, and that is our ATTITUDE... I am convinced that life is 10% what happens to me and 90% how I react to it. And so it is with you... We are in charge of our ATTITUDES."

Charles Swindoll

