

**Math BD: Intermediate Algebra  
Syllabus – Spring 2011**

**Instructor:** Kurt Klopstein

**Lecture:** MTWR

2:35 – 3:45 PM

**Location:** LA 107B

**CRN:** 31214

**Office:** LA 106

**Office Hours:** TR 9:30-11:00 / TR 2-2:30 / F 11-12

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**Website:** [www2.bakersfieldcollege.edu/kklopstein](http://www2.bakersfieldcollege.edu/kklopstein)

**Prerequisites:** A grade of “C” or better in Math BA or equivalent placement.

**Text:** Intermediate Algebra by Blitzer, 5<sup>th</sup> edition.

**Other Supplies:** A scientific calculator and graph paper. Graphing calculators and cell phones used as calculators are NOT ALLOWED on any quiz, projects, or exams. Also you will need a 3 ring binder to organize your work in.

**Attendance & Participation:** Regular attendance is essential to succeed in this course. Lectures will help in your understanding of the course material and will help show you what you are responsible for. You should take lecture notes and come to class prepared with any questions. Please keep a notebook and organize all course material. Bring textbook to every lecture.

Attendance will be taken for every lecture up to the last day to withdrawal (April 1). If for some reason you miss class, you are responsible to obtain the information from your classmates what you missed. Contacts from the class should be made prior to missing a class.

**You may be dropped from the course for any of the following reasons.**

- **You are absent for two or more weeks of classes (total of 8 days) prior to the last day to withdrawal (April 1).**
- **Lack of academic progress shown by an overall percentage in the course below 40% on February 22, 2011 (Last day to withdrawal without receiving a W).**
- **Lack of academic progress shown by an overall percentage in the course below 60% on April 1, 2011 (Last day to withdrawal with a W)**

**Pencil:**

All work to be turned-in must be done in Pencil. Work done in ink will **NOT** be accepted. This includes homework, quizzes, group activities, and exams.

**Student Learning Outcomes:**

1. Solve linear, quadratic, and absolute value, and cubic equations. Include complex solutions.
2. Solve systems of three linear equations and two inequalities.
3. Graph linear and quadratic functions. Identify characteristics of a line and a parabola.
4. Demonstrate ability to add, subtract, multiply, divide, and simplify rational expressions and complex rational expressions.
5. Solve equations containing rational expressions and equations containing radical expressions. Eliminate extraneous roots.
6. Apply laws of exponents to expressions with integer and rational exponents.
7. Simplify exponential and logarithmic expressions using properties of logarithms and exponents. Solve logarithmic and exponential equations.
8. Recognize and use function notation. Be able to identify a function graphically, from a table, and from a set of ordered pairs. Identify domain and range of a function from a graph, table, and set of ordered pairs.
9. Recognize and graph, given the quadratic equation, the appropriate conic section (parabola, circle, ellipse, or hyperbola) using centers, asymptotes, and foci.
10. Solve application problems involving two variables: for example, mixture, interest, tickets, work, or distance.

**REMARK:** Avoid excessive chattering during the class and please turn off you cell phones during class. If for some reason you forget to turn off your cell phone and someone calls, please do not answer phone calls during lecture – not even to go outside class to answer the call. Answering any calls during an exam or quiz will result in a 0 score for that assignment. If there is an emergency reason you need your cell phone on then talk to me prior to class so that I am alert to the situation.

**Homework:** Homework will be posted and updated regularly on the webpage for this class. You should immediately get started on current sections covered in lecture and be prepared with questions in the following lecture. Although homework is not collected, you will have a difficult time passing this course without working on it. Periodically we will have homework quizzes where you will be able to use your homework as notes. Homework quizzes will come either directly come from the homework list or a similar exercise. Note that most of homework will consist of odd problems which have solutions in the back of your text. On the quizzes, all relative work will be required in order to receive credit.

Lecture time does not allow much time for homework questions. Please use tutorials, office hours, and each other to help learn the homework. I strongly recommend working in groups outside of class.

**Quizzes & Projects:** The class will consist of quizzes and Projects. These will come in many forms which include review exercises, group problems, and take-home work. Quizzes are exercises that take 5 to 10 minutes and are worth 10 points each when collected. Projects that are collected are worth 20 points each.

**You will be required to print (or copy) some quizzes and projects from our webpage to this class. These will be announced during lecture time.**

Not all quizzes and Projects are turned-in. Please only turn in what is asked by the teacher. At least one low scoring quiz and one low Project will be disregarded in considering your grade. You will need to be present when these assignments are collected.

Keep all work organized because along with the homework, this will be a guide to the expectations of the class and will be useful material to review for exams.

**Exams:** There will be 7 exams and a final. Confirmation of exams will be given at least one week in advance. At the end of session, if your final exam percentage is higher than your lowest exam score, than the lowest exam score will be replaced by the final exam score.

<b>Exam #</b>	<b>Material Covered</b>
1	Chapters 1 & 2
2	Chapter 3
3	Chapters 4 & 5
4	Chapters 6 & 7
5	Chapter 8
6	Chapter 9
7	Chapter 10 & 11

(Check homework assignments to see what sections are relative for the exams. You will also want to check your notes, homework, quizzes and projects)

**(Note: The number of exams and what each covers is SUBJECT TO CHANGE)**

Final exam is on **Monday, May 9 from 2:00 – 3:50 PM.** Final exam is cumulative and must be taken to pass the class. **No late or early exams will be given.**

**Late Assignments and Make-up work:** Late assignments and make-up work, such as exams, are not accepted unless a prior arrangement is made by the student with me. I have NO OBLIGATION to allow any late or missed work. Late work that is accepted is subject to deduction of points. This includes homework, that may have been turned-in on time but was returned and not graded due to not being properly turn-in (non-essential pages attached, sections not labeled or not in proper order). Please feel free to discuss options at any time.

**Grade Distribution:****Class Grade:**

Quizzes /Projects	15%	90-100%	A
Exams	60%	80-89%	B
Final	25%	70-79%	C
		60-69%	D
		Below 59%	F

**Important Dates:**

1/18/11	Instruction Begins
2/18/11	Lincoln's Birthday – Holiday
2/21/11	Washington's Birthday – Holiday
2/22/11	Last day to withdrawal form semester length classes without receiving "W".
4/01/11	Last day to withdrawal form semester length classes and receive "W".
4/18 - 4/23	Spring Recess
5/9 – 5/14	Final Exams

**Cheating:**

There will be a zero tolerance policy on cheating. A first offence will result in a zero for that assignment/quiz/exam and possibly mention on their permanent record. A second offense will receive more drastic measures with a possibility of failing the course. Calculators are subject to review before, during, and after any examinations.

**Accommodations:**

Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disabled Student Programs & Services located at Student Services Building, 1st Floor, Counseling Center (661-395-4334), as soon as possible to better ensure such accommodations are implemented in a timely fashion.