

BEGINNING ALGEBRA INTERMEDIATE ALGEBRA

COURSE DESCRIPTION: Study of functions; linear, absolute value, quadratic, radical, rational, exponential, and logarithmic. Conic sections, applications, inequalities, systems of equations, and matrices.

PREREQUISITE: Successful completion (grade of **C** or better) of Math 201



MATERIALS NEEDED:

- ❑ Two spiral **gridpaper** notebooks, Cambridge brand in the bookstore. No other notebooks will be accepted! →
- ❑ 3-ring binder
- ❑ Pencil(s)
- ❑ Scientific Calculator (No TI-89 or cellphones)
- ❑ Access Code to My Math Lab (Pearson)



HOMEWORK:

- **HOMEWORK:** Homework assignments are completed online and the assignments can be found at the *My Math Lab* website, www.pearsonmylabandmastering.com. You may work ahead if you like; all homework for the entire chapter will be made available to the student approximately three days before the start of the chapter. ***It is important to stay current to be successful in the course!*** Each assignment has a due date and time. Late homework will lose 25% of the points possible ***for every day it is late.*** Online homework will account for 20% of your grade.
- ***Note:*** *When working on homework, you do not have to complete an entire assignment during one session. If you need to stop while in the middle of an assignment, hit the **SAVE** icon and the program will save your work. You can then come back to the assignment at another time and continue from where you left off.*
- ***Being absent on the day homework is due does not excuse you from the late submission penalty.***

Math Center Requirement: A part of your homework grade will be a mandatory one hour in the Math Center (FEM-1). This will be worth 10 points per week. You will need to log in to and out of the math center and I will receive a weekly report showing your attendance in the center. ***Note: This hour does not have to be in one sitting; you can do it in parts (15 min. one day, 30 min. another day, etc.)***

Homework Notebook: All online homework problems are to be worked out completely, with all work shown in one of the two **gridpaper spiral notebooks** listed in the materials list. These notebooks are to be used **exclusively** for this class. Each assignment and the problems of the assignment are to be clearly labeled and answers are to be boxed. The **Homework Notebook** will be collected on test day and will be worth **two homework** assignments. **I will not accept notebooks that do not follow these guidelines and I will not accept late notebooks.**

- Students who do not sign up at www.pearsonmylabandmastering.com and complete the first two assignments (Sections 8.4 and 7.7) by **Monday, March 16, 2015** will be dropped. My Math Lab will allow you to enroll on their site with a *temporary access* without buying the access code.
- Any student who enrolls with a *temporary access code* will be **required** to have purchased the access code and be permanently enrolled in the My Math Lab course by **March 23, 2015**. Failure to do so will result in a **drop from the course!**

QUIZZES: There will be **weekly** in-class **homework quizzes**. These quizzes will be worth 20 points each and will be given either at the beginning or the end of class. Any students who are not in their seats when the quiz is handed out **will not** be allowed to take the quiz and will receive a grade of zero for that quiz. There will be no makeup quizzes for students coming in late or leaving class early or for students absent on the day of a quiz. Students leaving class early on the day a quiz is given will receive a grade of zero for that quiz.

ATTENDANCE: Attendance is **not optional**. Students are expected to attend all class meetings, be on time, and be in class the entire class session. Leaving class early will be counted as a tardy and **two tardies can be counted as an absence**. **Five (5) absences** may result in a drop from the course. However, if you decide to drop the course, it is **your** responsibility to make the drop official in the Admissions and Records office or else possibly receive a grade of F.

Attendance Grade: Since attendance is not optional, it will be counted as part of your grade. You will receive Three attendance grades throughout the semester (Chapters 8 and 9, Chapters 10 and 13, Chapters 11 and 12) each one worth 10 points. Each absence will cost you two of those points and each tardy reduces your score by 1 one point.

EXAMS:

- Three (3) exams, worth 100 points each, will be given. The exams will usually cover two chapters of material.
- There are **NO MAKEUPS** for missed exams. **NO EXCEPTIONS!!**
- *If you absolutely must be absent on the day an exam is scheduled, you may discuss with me the possibility of taking the exam early.*

FINAL EXAM: A two hour comprehensive final exam worth 100 points will be given during finals week. This final exam is **cumulative (Chapters 8-13), mandatory and will count as**

a regular exam. The final **may** be used to replace a low exam score or a missed exam. The final **may not** be used to replace the homework grade, quiz grade or attendance grade.

Personal and Technology Emergencies

I am well aware that sometimes emergencies arise both in your personal life and with the technology that you may be using. To account for these unexpected events, I have made the following allowances:

- The lowest two **homework grades** will be dropped.
- The lowest **two quiz grades** will be dropped.
- The final exam counts as the fourth exam and **may** replace the lowest exam (or a zero score if you miss an exam) if the final exam score is higher.

GRADING:

- **Homework** (including homework notebooks!) will represent 20% of the final course grade.
- **Quizzes** will represent 15% of the final course grade.
- **Attendance** will represent 5% of the final course grade.
- The **three exams and the final exam** will represent 60% of the final course grade.

Example: If your homework average is 85, the average of your quizzes is 70, the average of your attendance grades is 90 and the average of your exams and final is 78, then you would compute your grade as follows:

$$(.20)(85) + (.15)(70) + (.05)(90) + (.60)(78) = 17 + 10.5 + 4.5 + 46.8 = 78.3$$

- Your grade will then be determined by the following **grading scale**:

89.5% - 100% = A	79.5% - 89.4% = B	66.5% - 79.4% = C	54.5% - 66.4% = D	0% - 54.4% = F
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Academic Dishonesty: Reedley College rules on plagiarism will be strictly enforced. Academic dishonesty in any form is a very serious offense and will incur serious consequences, including but not limited to receiving a grade of F in the course. The student receiving the grade on their transcript needs to be the person doing the work at ALL times in this class. If not, the student will receive an automatic F in the course, and suffer the utmost consequences of plagiarism as set forth by the college's academic regulations.

Important Dates:

March 16, 2015	Deadline to enroll in MML and complete first two assignments
March 23, 2015	Deadline to be PERMANENTLY ENROLLED in MML
March 24, 2015	Last day to add this short-term class
Mar. 30 – Apr. 3, 2015	Spring Break – No Classes
April 22, 2015	Last day to drop
May 20, 2015	FINAL EXAM – FEM 4

***NOTE:** If you have a verified need for an academic accommodation or materials in alternate media per the Americans with Disabilities Act or Section 504 of the Rehabilitation Act, please contact me as soon as possible.*

COURSE OBJECTIVES:

A student's performance will be evaluated upon their ability to

- use function notation and the properties of lines and linear inequalities.
- simplify radical expressions and perform operations on radical expressions.
- graph parabolas and solve quadratic equations.
- Use the properties of exponents and logarithms to simplify expressions and solve logarithmic and exponential equations.
- Analyze equations and graphs of the conic sections.

COURSE CONTENT OUTLINE

Chapter 7: Rational Expressions and Equations

Chapter 8: Linear Equations, Absolute Value, Linear Inequalities, Quadratic and Rational Equations, Systems of Equations

Chapter 9: Radical Expressions and Equations

Chapter 10: Quadratic Equations

Chapter 11: Functions

Chapter 12: Logarithmic and Exponential Functions

Chapter 13: Conic Sections