

Math 103 – FALL 2008  
Mrs. Maria Kelly (email: [maria.kelly@reedleycollege.edu](mailto:maria.kelly@reedleycollege.edu))  
Office Hours: MWF 9:00 – 10:00  
OCT. 20 – DEC. 19, 2008

Daily @ 10:00 – 11:50  
Classroom: FEM - 4  
Office: FEM 1G  
Ext: 3208

## INTERMEDIATE ALGEBRA

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

**PREREQUISITE:** Successful completion (grade of **C** or better) of Math 101 or equivalent.

### **OBJECTIVES:**

Students will be able to:

- solve equations involving exponents, radicals, absolute value and logarithms.
- apply mathematical concepts to solve word problems.
- graph conic sections including translations
- solve a system of equations by a variety of methods, including determinants.

**REQUIRED TEXT:** Charles Charles P. McKeague, Elementary and Intermediate Algebra, Saunders College Publishing, 2007.

### **MATERIALS NEEDED:**

- ❑ 3-ring binder
- ❑ Binder Paper
- ❑ Pencil(s)
- ❑ Calculator
- ❑ **Access Code to WebAssign**

### **ATTENDANCE AND TARDY POLICY:**

- Students are expected to attend all class meetings, be on time, and be in class the **entire** class session.
- The only excused absences are those due to a school-related activity or a requirement to appear in court. Calling me to tell me you will be absent **does not** excuse the absence.
- Students are expected to be on time. It is distracting, rude and unfair to fellow classmates and to the instructor when a student is late. **Two tardies will be counted as an absence.**
- If a student arrives late, it is his/her responsibility to inform the instructor **after class** so that the absence can be changed to a tardy.
- A student who misses **four (4) class sessions** in the first 9 weeks of the semester **may** be dropped from the course. However, if a student decides to no longer be enrolled in the course, it is the **student's responsibility** to make the drop official in the Admissions and Records office or else possibly receive a grade of F.

**Participation Grade:** Each student will begin the semester with **twenty-four (24)** participation points. Participation in this class will be a part of the grade for this course. Since you cannot participate if you are not in class, each absence will result in the loss of **six (6)** participation points, and each tardy will cost you **three (3)** points. If you are absent more than **four (4)** times, you will continue to lose points per absence or tardy, but now these points will be taken from other earned points, such as homework and tests. **If you leave class early you will lose three (3) participation points!**

### **HOMEWORK:**

- Homework is assigned on a regular basis at [www.webassign.net](http://www.webassign.net) as well as in class. **Homework will not be accepted late for any reason.**
- Assignments on WebAssign will be due at 10 p.m. on the day after they were assigned.
- Written problems and exercises must be worked out thoroughly, completely and neatly, otherwise the work will not receive full credit.

**Note:** *Being absent on the day homework is collected does not give you the right to turn in the assignment late.*

**MAKEUP ASSIGNMENTS:** An optional makeup assignment will be made available for each chapter. This makeup assignment is worth ten (10) points and can be used to help makeup missed assignments, increase low homework grades or as extra credit homework points. This makeup assignment will be turned in as a written assignment with **all work** shown neatly and accurately to receive full credit.

**MAKEUP ASSIGNMENTS:** An optional makeup assignment will be listed on the assignment sheet for each chapter. This makeup assignment is worth ten (10) points and can be used to help makeup missed assignments, increase low homework grades or as extra credit homework points.

**TESTS:** Six or seven tests, worth 100 points each, will be given. There are **NO MAKEUPS** for missed tests. **NO EXCEPTIONS!!** *If you absolutely must be absent on the day a test is scheduled, you may discuss with me the possibility of taking the test early.*

**FINAL EXAM:** A two hour comprehensive final exam worth 100 points will be given at the end of the 9-week session during the last class meeting. This final exam is **mandatory and will count as a regular exam**. The final may be used to replace a low test score or a missed test. The final may **not** be used to replace the homework grade or participation grade.

**GRADING:**

- ***HOMEWORK:*** All of your homework scores will be added up and divided by the total possible points for the semester. This number is then multiplied by 100 to give a score between 0 and 100. Homework counts for **25%** of your grade.
- ***TESTS:*** All of your test percentages and the final will be averaged. This will give you a score between 0 and 100. Tests count for **70%** of your grade.
- ***PARTICIPATION:*** Your participation points will be divided by 24 (total possible) and then multiplied by 100 to give a score between 0 and 100. Participation counts for 5% of your grade.

HOMEWORK	25%
PARTICIPATION	5%
EXAMS AND FINAL	70%

*Example:* If your homework grade is 75, participation is 90, cumulative review is 85 and your exams grade is 85, then you would compute your grade as follows:

$$(.25)(75) + (.05)(90) + (.70)(85) = 18.75 + 4.5 + 59.5 = 82.75$$

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

<b>% Earned</b>	<b>Grade</b>
<b>89 – 100</b>	<b>A</b>
<b>78 – 88</b>	<b>B</b>
<b>67 – 77</b>	<b>C</b>
<b>55 – 66</b>	<b>D</b>
<b>0 – 54</b>	<b>F</b>

**Academic Dishonesty:** 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. For the college policy on cheating and plagiarism, see Page 51 of the college catalog.

**Important Dates:**

**October 29, 2008 – Last day to add**

November 11 – Veteran’s Day Holiday

November 27, 28 – Thanksgiving Holiday

**November 18, 2008 – Last day to drop!**

**FINAL EXAM DATE:**

**Wednesday, Decdember 17, 2008 10:00 – 11:50**

**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.*