Reedley College – Fall 2009 - Course Syllabus

Math 103, Intermediate Algebra, Section #56730

Instructor: Mrs. Lina Obeid
Class Time: Daily 11:00 – 11:50am **Class Location:** CCI 201 DAILY
Office: FEM Library **Office Hours:** M, W, Th: 10-11am; or by apt

Phone: 638-3641, ext. 3184 **E-Mail:** lina.obeid@reedleycollege.edu

Basic Skills Advisories: Eligibility for English 126 (A)
Subject Prerequisites: Successful completion of Math 250 or equivalent

Optional Text: McKeaque, C. (2008). *Elementary & Intermediate Algebra: A Combined Course*, 3rd edition. Belmont: Thomson Learning Inc. Web Assgn Pkg, ISBN 0-495-44826-5

Required: The purchase of Webassign access is mandatory for this class. It can be purchased online (cheapest). Since the text is available online with the purchase of WEBASSIGN the text is optional. If you choose to purchase the text new from the bookstore, make sure that Webassign comes packaged with it and that it is included in the cost of the book.

Materials Needed:
Preprinted Math 103 note-packet to be printed from Blackboard, graph paper, calculator, binder, binder paper, ruler, pencils, erasers

Course Description:
As stated in the Reedley College course outline, Math 103 will deal with many algebraic concepts including: equations and inequalities in two variables, rational exponents and roots, quadratic functions, exponential and logarithmic functions, and conic sections. These topics can be found in chapter 7 to chapter 12 in the McKeague book listed above.

Attendance and Tardy Policy:
- Roll is taken every class session. Students are expected to attend every class, arrive on time, and stay for the entire class period. Students who are absent or late, or who leave early will receive a zero on the missed, incomplete, or late assignment. **Late work is not accepted**. Excuses are not accepted.
- If a student arrives late, it is his/her responsibility to inform the instructor after class, so the absence can be changed to a tardy. Two tardies count as one absence.
- A student who misses 8 class periods (not necessarily consecutively) may* be dropped by the instructor.

* **NOTE:** If a student decides to no longer be enrolled in the class, it is the student's responsibility to ensure that he/she is officially dropped by turning in a program change form in to the Admissions office. Otherwise, the student may receive an "F".

Behavioral, Campus, and Academic Policy:
- Reedley College campus policies and academic regulations will be implemented in this class.
- Students engaging in any behavior the instructor deems disruptive may be asked to leave for the remainder of that class session. Pagers, cell-phones, CD/DVD/MP3 players, and any other electronic device must be turned off, silenced, and made invisible before entering class. [Approved calculators, and documented/required medical devices are exceptions.]
- Cell phones are NOT to be used as calculators. Students are not allowed to leave their cell phones in plain view at any time. Cell phones are strictly prohibited during exams.

Plagiarism:
Reedley College rules on plagiarism will be enforced. Students cheating and students allowing others to cheat off of their assignment will receive a 0% on that assignment (whether it is a chapter exam, a final, or any other assignment).

Grading Policy:
Students are graded in two major categories according to the following:

Homework grades constitute **25%** of the student's overall grade.
Exams grades constitute **60%** of the student's overall grade.
Final Exam grade constitute **15**% of the student's overall grade.

HOMEWORK:

- **Homework:** Homework is assigned on regular basis at www.webassign.net as well as in class. Homework will not be accepted late for any reason. Written problems and exercises must be worked out thoroughly, completely and neatly, otherwise the work will not receive full credit. Graphs are important in Algebra, so they need to be drawn, labeled, titled, and scaled accurately and neatly. The two lowest homework scores will be dropped to account for emergencies. **This class requires you to access the Webassign site and the Blackboard site.**

- **Chapter Exams**: 5 or 6 chapter exams will be administered throughout the semester. Chapter exams are weighted equally. No make-up exam will be given for any reason. Students who are not present will receive a score of ZERO* on that chapter exam. To account for emergencies, the final exam score, however, may be used to replace a chapter exam score. Pop-quizzes are included in this category.

  * **Note carefully**: In case a student has a known **unavoidable business on the exam date,** he/she will be given the chance to take the chapter exam **early (before the scheduled date/time)** *if and only if* the student makes the appropriate arrangements with the instructor in a timely manner. Students are not allowed to take the exam after the scheduled time for any reason. Pop-Quizzes are included in this category as well.

- **The Final exam** is a comprehensive final meaning it might contain any of the material covered from the entire semester. The Final exam score is 15% of the overall grade like any chapter exam score**.** ***The final exam score may be used to replace the lowest chapter exam score or a missed chapter exam score.***
  The Final will be administered on Monday, December 14, in CCI 201, 11am to 12:50am.

Grading formula: Student's overall grade = (Homework average)(0.25) + (Chapter exams average)(0.60) +(Final exam score)(0.15)
If students need further clarification regarding grades, they are welcome to consult the instructor.

Grading Scale:

Grade		**Percent**	**Grade**		**Percent**
A	=	90% - 100%	D	=	60% - 69%
B	=	80% - 89%	F	=	Below 60%
C	=	70% - 79%			

Tips for Success:

- *Do not expect a good grade for average, mediocre, or poor work.*
- Come to class prepared and on time;
- Attend regularly;
- Turn in well thought-out assignments on time with all the work shown step-by-step;
- Put in the maximum effort daily in every aspect of your work;
- Ask the instructor and students for help;
- Attend MATH CENTER OR the tutorial center for help and tutoring; (Do not wait until you start failing to do so!!)
- Approach the instructor with questions.
- Do not wait until you are failing or you are completely lost to ask questions.
- READ THE SECTIONS PRIOR TO ATTENDING THE LECTURE.

▶ Important Dates: FALL 2009

August 17 (M)	Start of Fall semester
August 28 (F)	Last day to drop a full-term class for a refund
September 4 (F)	Last day to register for a full-term fall class
September 4 (F)	Last day to drop a fall full-term class to avoid a "W"
September 7 (M)	Labor Day (no classes held, campus closed)
September 18 (F)	Last day to change a fall class to/from a Pass/No-Pass grading basis
October 16 (F)	Last day to drop a full-term class (letter grades assigned after this date)
November 11 (W)	Veterans Day (no classes held, campus is open)
November 26-27 (Th-F)	Thanksgiving holidays
December 14 (M)	**Final Exam: on Monday, December 14, in CCI 201, 11am to 12:50am.**
December 14-18 (M-F)	Final exams week
December 18 (F)	End of Fall semester
December 21 - January 8	Winter Break

Accommodations for students with disabilities:

- If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic test, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible. Last minute arrangements will not be tolerated.

COURSE OUTCOMES:

Upon completion of this course, students will be able to:

A) create a linear equation given a slope and a point or two points; graph linear equations and inequalities and use function notation to find the value of expressions.

B) add, subtract, multiply, and divide radical expressions and use exponent properties and conjugate properties to simplify and solve radical expressions.

C) complete the square of a quadratic equation and use the quadratic formula to solve any quadratic equation; graph quadratic equations using translations.

D) solve exponential and logarithmic equations by using equivalent expressions; use exponential and logarithmic properties to convert between common logarithms, natural logarithms and other bases.

E) expand binomial expressions using Pascal's triangle and the binomial coefficient formula; find the n^{th} term of a sequence of numbers.

F) graph each of the conic sections by translations; put conic equations and inequalities into the standard form.

COURSE OBJECTIVES:

In the process of completing this course, students will:

A) use function notation and the properties of lines and linear inequalities.

B) simplify radical expressions and perform operations on radical expressions.

C) graph parabolas and solve quadratic equations.

D) use the properties of exponents and logarithmic functions to change the base of a logarithm.

E) generalize arithmetic and geometric sequences and find the k^h term of a binomial expansion.

F) manipulate and graph equations of conic sections.

- *Instructor reserves the right to make minor changes to the syllabus.*