

**Welcome to Math 0907!** This course is the second in a 2-semester developmental algebra sequence. It is a prerequisite for MTH 0908 and transfer level math courses. It is assumed that you have good arithmetic skills and received an adequate score on the Math Placement Test or passed Math 0906. If you are not sure that this is the right course for you, please see me as soon as possible. Topics to be studied include: algebraic operations, functions, polynomials, factoring, rational expressions, exponents and radicals, and quadratic functions. The grade in this course is neither computed in your G.P.A. nor applicable to any degree or certificate program for graduation.

**Expected learning Outcomes:**

Upon completion of the course, the student will be able to:

- demonstrate the ability to solve and graph linear equations and inequalities.
- demonstrate a working knowledge of the definition of a function.
- demonstrate a working knowledge of exponents and polynomials.
- demonstrate the ability to factor polynomials.
- demonstrate the ability to manipulate rational expressions and to solve equations that contain rational expressions.
- demonstrate a working knowledge of rational exponents, radicals, and complex numbers.
- demonstrate the ability to solve quadratic

**Text:** Algebra, a Combined Approach 3<sup>rd</sup> edition by Elayn Martin-Gay

**Course Materials:**

- Binder with loose-leaf paper/notebooks
- straight edge
- scientific calculator such as a TI-30X IIS
- pencils
- graph paper

**Course Structure:**

- **Textbook:** You will be assigned material to read and problems to complete from your textbooks. You should take notes from your textbook as assignments are made. Read each section of your book, take notes, and learn vocabulary as you go. Pay close attention to the author's examples and complete the practice problems. Be sure to check your answers. Assignments should be worked the day they are assigned.
- **Homework Assignments:** All work should be done neatly in pencil.
  - 1) Assignments are to be done on notebook paper, kept in your 3-ring binder and ready to be given/shown to the instructor by the date indicated. *No date indicates assignments are due the following day.* Regular homework will be checked periodically for completeness.
  - 2) Homework (HW) papers should include your name, chapter, page and section number. Number each problem and show your work neatly.
  - 3) **Follow the homework template provided by the Math Learning Center.**
  - 4) All assignments are to be completed by the beginning of class on the date they are due.
  - 5) Late assignment grades may be lowered 20% per day.
  - 6) You have two class days to turn them in or a zero will be assigned.
  - 7) In the case that a class has to be cancelled, assignments due the class period following the cancelled class are still due on the scheduled date as per your assignment sheet.

- **Notes:** You are expected to keep your class and textbook notes in a section of your binder/notebook.
- **Quizzes:** There will be scheduled quizzes with the possibility of unannounced quizzes. Quizzes may cover any current or review topic.
  - 1) If you must be absent on an announced quiz day and contact me before class, you will be allowed to make up the quiz. The score will be lowered 10%. **IF** you do not contact me, you may not be allowed to make up the quiz.
  - 2) You will be allowed **ONE** make-up quiz for regularly scheduled quizzes. Others must be taken on the day scheduled for the quiz. (Exceptions may be made for extreme circumstances.)
  - 3) Some of the quizzes will be short homework checks where you will be asked questions from the assigned reading, the homework or class discussions. If you are absent, you must see me the next class period you are in attendance to schedule a time to take the quiz.
  - 4) You may rework missed problems on quizzes for at least 50% of their original value. This must be scheduled with me in the Math Learning Center outside of regular class time.
- **Tests:**
  - 1) There will be 7 chapter tests worth approximately 100 points each.
  - 2) There will be a final exam worth 100 points.
  - 3) Tests must be taken on the day scheduled. If you must be absent, call me before the scheduled test time to arrange a makeup.
  - 4) If you do not notify me there will be a 10-point penalty for taking the test.
  - 5) Tests must be made up within 2 class days of the original test day (except in extreme circumstances).
  - 6) Make-up tests will be taken in the Assessment Center (E215) by appointment.
  - 7) I must have advance notice of when you intend to make up a test!
  - 8) You will be allowed only **ONE** make-up test. Others must be taken on the scheduled day.
- **Attendance:**
  - 1) Attendance is required. You are expected to attend class every day.
  - 2) Unavoidable absences require an explanation. Call 224-0579 and leave a message or e-mail me prior to class. *Without notification you may not be allowed to make up missed classwork.*
  - 3) **Do not** schedule any other activity during class time.
  - 4) If you miss a class, **it is your responsibility** to complete the work assigned on the assignment sheet and contact your instructor for help if needed.
  - 5) **Being absent does not excuse you from turning in work on the day it is due.**
  - 6) If you are absent, see me before class the day you return to school to receive any handouts/information given the previous day.
  - 7) Points will be given for attendance and completion of homework. They will appear as a grade at midterm and the end of the semester.
  - 8) If you are more than ten minutes late to class, it will be considered an absence. If you are 2 to 10 minutes late you will be considered tardy. Three tardies count as an absence.
- **Labs – My Math Lab:**
  - 1) As part of this class, you will be using an on-line tutorial called My Math Lab.
  - 2) Limited lab time may be given in class for work on My Math Lab assignments; however, you will need to spend time outside of class working on My Math Lab. This can be done in the MLC, library, computer lab or at home if you have Internet access.

- **Grades:** Your grade will tentatively be determined as follows:

Tests -	7 @ 100 pts. each (approximately)	91% - 100%	A
Quizzes -	12 @ 20-40 pts. each	82% - 90.9%	B
Final Exam -	100 pts.	75% - 81.9%	C
My Math Lab -	12@10 pts. each	65% - 75.9%	D
Homework/attendance, activities, reviews -	varies	Below 65%	F

**Tests are weighted 60%, Quizzes 20%, and Math Lab/Homework 20% of your grade.**

Point values are *approximate* and *subject to change*.

**Note: You must attain an average of 75% to move on to a college level course.**

- **Withdrawal:**

1) At midterm (Oct. 8<sup>th</sup>) and last withdrawal date (Nov. 9<sup>th</sup>) **I may withdraw any student who is failing or who has more than 20% absences.** In *extreme* circumstances, at *my discretion*, more than 20% absences may be allowed. Beyond that time, if you have more than 20% absences, and you have not withdrawn from the class, you will receive a failing grade.

2) November 9<sup>th</sup> is the last day to withdraw.

3) If you just quit coming to class and do not contact me, you may receive an F.

**Communicate! If you are failing, tell me if you wish to withdraw or receive a failing grade!**

**NOTE** – withdrawal from a class may affect your financial aid. Please see an advisor in the Financial Aid Office before withdrawing from a course.

- **Academic Honesty:**

1) You are expected to do your own work. It is important to your understanding and success.

2) Anyone caught cheating will receive a grade of F on the assignment/quiz/test if it is the first occurrence, including any student allowing his/her work to be copied. If there is a second occurrence, the student will be withdrawn from the course. **No Exceptions!** (In the event you are caught cheating after the withdrawal date, you will be given an F.).

- **Extra Help:**

1) You may come to the Math Learning Center B-201 for help.

2) You may arrange for a peer tutor, which is **FREE**, by seeing Mrs. Nelson in B-203 (224-0479).

3) You may be eligible for academic accommodations if you have a physical, psychiatric, or cognitive disability. If you have a disability and need more information regarding possible accommodations, please contact Tina Hardy at 224-0285 or Judy Mika at 224-0350. Their office is B-204.

4) On MWF I will be working in the math learning center from 9:00 to 10:50 am, 12:00 noon to 12:50 pm, and 2:00 to 3:25 pm daily. My office hours will be from 9:00 to 10:50 am and 12:00 noon to 12:50 pm, Tuesday and Thursday.

- **Respect:** Please respect your classmates by being on time for class and by turning off your cell phone. Anything that interferes with other students' ability to learn or with the instructor's ability to teach is considered inappropriate. If you disrupt other students or interfere with their ability to learn, you will be asked to leave the classroom and will be counted absent.

**Please note:** I have tried to anticipate the whole semester but I may need to make changes as we progress. I reserve the right to change the course outline and the information on this handout if the need arises. I will inform you of any changes.