

Mrs. Sharon Brady
Mathematics Department, PRHS
sbrady@lewispalmer.org
719.867.8600



Algebra 2A
Classroom: A1122
Office: Neighborhood A
Available: After school, M, T, W, F

Palmer Ridge High School
Fall 2017

Instructor: Sharon Brady

Course Description: Algebra 2 is the second year of Algebra and refines and expands techniques in elementary algebra. Emphasis is placed on developing fundamental algebra skills required for higher level problem-solving. Topics include the study of real and complex numbers, functions, linear, quadratic and polynomial functions, conic sections, exponential and logarithmic functions, and rational expressions and functions. The use of a scientific calculator is required.

Materials: Each day please bring the following items to class:

- Pencil, Colored Pen for grading, Eraser
- Loose-leaf paper and Graph paper
- 3-ring binder OR folder with spiral (for Class Notes, Handouts, and Assignments)
- Scientific calculator required (TI-30 or equivalent); Graphing calculator is optional, but is not permitted on tests (TI-84) unless specified by teacher

Website. <http://sbrady.educatorpages.com/> For Notes/assignments.

GRADING Coursework:

Assessments (Tests/quizzes, warmups
and Projects) (85%)
Assignments/homework (15%)

Semester Grades:

Coursework: 80%
Semester Exam (20%)

Assignments Daily practice is vital to your success in this class. Assignments must be completed on a regular basis to keep up with the material being presented in class. An assignment sheet will be provided for each chapter, and posted on my webpage. Assignments are due at the beginning of class. Heading: (in upper right hand corner)

Name (first and last)
Period #
Assignment # example 1-1
Page number and problems assigned

Format: **Copy** Original Problem (including figures)
Supporting work (No work = No credit)
Box, Circle, or Highlight the answer

- All assignments must be completed in **pencil**. No exceptions.
- Please **CHECK YOUR ANSWERS!** The odd problems are in the back of the book.
- Homework will be graded for completion and/or accuracy on a 4 point scale (see rubric).
- All students who earn 4/4 on all homework for a chapter will receive 3 points on their chapter test.

Late Assignments and Make-up Work:

Please refer to the Mathematics Department Policies letter.

- Makeup work follows the school makeup policy. Students will be given 1 class period per absence to makeup work. For example, if you are absent on Monday, you must turn in the work that was due on Monday by Wednesday, and the work that was assigned on Monday by Friday.
- Late work is given 50 % maximum credit and must be complete. Late homework assignments can be submitted **up to the date of the chapter test**. When turning in late or make-up work, please write "Late" or "Absent" on the top of your paper and staple a completed "z slip" to it. Assignments turned in during or after class are considered late.
- If you miss class **YOU** are responsible for all makeup work. Check:
 - Website for notes
 - Assignment sheet for missed assignments
 - make-up work folder for in-class worksheets
 - If you are absent only for a test review (generally, the day before tests), you are still required to take the test on the scheduled test day. Reviews and keys are posted online.

WARMUP: At the start of each day, there will be a 15-20 minute warmup exercise or algebra 1 skill drill. These are graded. Warmups will relate to the previous night's homework/notes and are open-book, open-note.

Quizzes/Tests: Please refer to the Mathematics Department Policies letter (be sure to **note timeline for making up tests**). Most quizzes will be announced. Test dates are listed on the chapter assignment sheet and posted on my webpage. You will have two class periods to make up a missed test if you are absent for an entire day. Example: If you are absent Monday, you have until 3PM Friday to makeup the test unless other arrangements have been made with the teacher. If you are absent for a test or quiz, it will automatically be sent to the Testing Center for make-up. **There is no retaking of a test.**

Final Exam: The final exam will be comprehensive with multiple-choice and free-response questions.

Classroom Expectations: Please refer to the Mathematics Department Policies letter.

Attendance: Please refer to the Mathematics Department Policies letter. You are tardy if you are not SEATED, ready to work, when the bell rings. Tardies over 15 minutes are considered an unexcused absence. **Dismissal (Note: teacher dismisses the class, not the bell!)**

Extra Help:

Often a math problem can be cleared up by only a few minutes of consultation. If you have questions on the material we are covering, please see me **as soon as possible**. I am available for extra help after school until 330 or at homework club.

The instructor reserves the right to make changes in the syllabus throughout the course as circumstances dictate.

Algebra 2 Course Letter and Math Department Policies Letter
ACKNOWLEDGEMENT

Student Name: _____ Class Period _____

Parent/Guardian:

Please let me know how you would prefer to be contacted, if necessary.

I would prefer to be contacted by email. My email address is:

I would prefer to be contacted by phone. My phone number is:

I have fully read and understand the attached Algebra 2 course letter AND Math Department Policies letter (they are also located on the school webpage). I understand that Mrs. Brady updates and posts grades bi-weekly on Infinite Campus so that I may monitor my student's grade. I may also check Mrs. Brady's webpage for announcements, assignments, and test dates.

Student Signature _____

Parent/Guardian Name (printed): _____

Parent/Guardian Signature _____ Date _____

Please return this signed letter to your student's Algebra 2 teacher by Wednesday, August 23.