**Course Description**

Welcome to Algebra II! Here we improve upon our algebraic skills, including more complex equations and functions, particularly polynomials and power/exponential functions. Algebra II is considered to be the minimum to enter most universities and is the gateway to higher-level mathematics. Much of its content is included in state and national assessments, such as Smarter Balance and ACT. Strap in and get ready to have your mind blown!

**Materials/Textbook Information**

- Pearson Algebra II: Common Core + Online Access
- Pencils and large erasers (NEVER do math in pen)
- Graph paper (perforated/loose leaf- no elephant snot)
- Write-view calculator (TI 36X Pro recommended); Graphing calc provided on student laptops.
- Remind and Google Drive apps strongly recommended
- Straight-edge
- 3-ring binder or expanding file folder

**Course Requirements/Objectives**

- Students must have completed Algebra 1 (*minimum* grade of C recommended).
- Students will attend class daily for one semester and adhere to class rules stated herein
- Students will exhibit independent academic responsibility
  - Complete and check own work
  - Utilize resources and seek assistance to improve understanding
- Students will attain basic to advanced mastery of all course standards, available at [http://www.corestandards.org/Math/](http://www.corestandards.org/Math/)

**Class Procedures & Rules**

- Respect others, yourself, and property
- Come prepared and begin work immediately
- Restroom/locker pass will be used one-at-a-time, subject to limitation based on misuse
- Daily Routine (typical)
  - Daily Quiz- warmup problems from previous lesson, homework checked
  - Homework Questions- limited time, thoughtful questions (not, “I don’t get it”)
  - Instruction- Includes in-class practice, participation is expected
  - Homework- class typically goes bell-to-bell, homework limited but done outside class
- Participate and ask questions, seek assistance, collaborate appropriately with classmates
- Single verbal warning only for behavioral disruptions
- No lotion, cologne, perfume, or hand sanitizer may be used in class. Students will be removed from class for strong odors.
- Food and accepted provisionally. You spill, you clean.
- Phones, tablets, or other devices are prohibited without explicit permission from instructor
- Bags must be kept under desk or at the edges of the room, aisles kept clear

*When in doubt, ASK! As long as you are honest and talk to your teacher, any problem can be solved!*
**Devices**

Students may have their laptop in class to use for notes and phones will be provisionally accepted for minimal use at approved times. When not in use, devices should be kept out of sight in bag or under desk. Any misuse will result in confiscation and prohibition. When in doubt, ask for permission.

**Homework Procedures**

Daily homework is assigned for practice and checked for completion only (10% of total grade with notes). Answers and solution manuals will be provided online. Homework is scored as:

5- Complete with sufficient work shown
3- Incomplete with sufficient work shown or complete with insufficient work shown
0- Incomplete with insufficient work shown.

**Assessment**

- The class grading scale is the standard used by SHS
- Grades will not be rounded (ex: 82.95 is still a C+)
- Daily Quizzes (10% of total grade; self-scored unless invalid)
  - 1 mid-level problem from previous lesson, 1 review
  - Problems self-scored as:
    - 5- Correct with adequate work shown
    - 4- Correct with insufficient work shown
    - 3- Incorrect with minor error and adequate work shown to determine the error
    - 2- Incorrect with minor error and insufficient work shown to determine the error
    - 1- Incorrect with major error and adequate work shown to determine the error
    - 0- Incorrect with major error and insufficient work shown to determine the error
- Note Check (10% of total grade with hwk)
  - Students will submit notes after unit exams to be scored on completion similar to homework (see above)
- Testing (70% of total grade)
  - Tests consist of 10-20 mid-level problems representing unit concepts
  - Test items scored out of 3 points each, one point docked for each error
  - Students receive a review, problem-for-problem, similar to each exam
  - Students receive teacher-generated notes for each exam and are allowed to add to them (including review items!), but must turn these in with the test to receive credit
  - Students must submit phones, tablets, smart gear to receive a test. Any devices seen during tests will result in that student receiving a zero
  - Cheating of any kind will result in a zero for the exam, same for talking while tests are out
  - Students have 1 90min block to complete exams. Unanswered items scored as incorrect
  - Individual accommodations will be discussed on an individual basis
- Final Exam (10% of total grade)
  - Final exams will be taken on two days as normally scheduled, unless otherwise arranged
  - “Good Samaritan Option”- Eligible students who score higher on their final exam than their current grade will replace their end-of-course grade with the final exam score
    - Maximum of 1 letter increase in grade
    - Students must complete 80% or more of course work, have grade of 55% or higher
    - No disciplinary actions in class, less than 8 absences not related to extra-curricular activities (medical or extraneous circumstances considered individually)

**Make-Up Work**

Students are to complete all work for any given unit prior to that unit’s exam. If students are absent for any non-emergency reason, including extra-curricular activities, they are required to have all assignments complete upon return. This may include receiving instruction/assistance outside of class. If students are absent for a test, or feel unprepared due to absences, a later test date may be arranged with the instructor prior to the exam date. Any work incomplete 1 week after test date scored as zero.