Algebra 2

Course Outline 2017-2018

Two Semester
Room A-61
Time 11:10 M - F, 2:25 M - Th
Office hours 3:15-4:30 M T Th

Richard Wright, Instructor
Office Phone: 471-6177
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Handouts/Notes available at www.andrews.edu/~rwright (Preferred) Email: rwright@andrews.edu

Credit: 0.5, 0.5
Prerequisite: Algebra I with a minimum grade of C.

An extension of Algebra I with exponential functions and logarithms, trigonometric functions and complex numbers, identities, binomial expansion, matrices and determinants, and considerable exposure to graphing. The student should have access to a graphing calculator for this sequential quarter study.

Textbook

Title: Larson Algebra 2
Copyright: 2011
Authors: Larson, Boswell, Kanold, and Stiff
Publisher: Holt McDougal
ISBN: 0-547-31526-0

Materials

- Textbook
- Ruler
- Notebook in which to take notes (Composition notebook strongly suggested)
- 8 ½ by 11 inch loose leaf paper to do assignments on
- Graph paper
- Graphing calculator
  - You can complete this class with only a scientific calculator, but a graphing calculator will make life easier. In addition, if you take precalculus, you are required to have a graphing calculator in that class. For a graphing calculator, I suggest TI-83 Plus or TI-84.
  - For a scientific calculator, I suggest TI-30XS MultiView because it will make tables.
  - All calculators must be on the ACT Test list of allowed calculators. This means no TI-89 or anything labeled CAS.
  - Cell phones, tablets, computers, and electronic translators are not acceptable calculators! They will not be allowed on any tests.
Practice Work

- Because the vast majority of concepts taught in math and science depend on understanding the preceding concepts, it is imperative that each student faithfully complete each assigned task in the time allotted.
- Most practice work will be due at the beginning of the next class period following the one in which the work was assigned. The first few minutes of the first class period following the assignment will be used to answer a couple of questions on the assignment. Note that probably not all the questions will be answered in these few minutes, so you may have to get help at other times.
- Late work is defined as any paper which is turned in after the time it was due. The only exception is illness.
- Unexcused late work will have a 10% deduction from the score. In order to not be counted as late, Mr. Wright’s initials must be on the paper.
- As a reward/incentive for being prompt in completing all tasks, a 2% bonus will be added to the grade of those students who complete all their tasks on time.
- If you turn in all your work on time, you should pass the class (assuming of course that you do your best on all the tests also).
- If you miss class for any reason, it is your responsibility to find out what was missed and to turn in the make-up work promptly. If you know you will miss one or more class periods, plan on turning in your work in advance of your absence.
- Please include only one assignment on a single paper.
- Staple multiple page assignments together.
- Show your work in a form similar to that suggested by your instructor and use reasonably neat handwriting. Points will not be given for problems that cannot be read.

Notes

- The purpose of notes is to have a written account of how to solve the problems. The notes should be a quick way to review the material and reference for solving problems.
- The notes are for the students’ reference and should be written so that they can refer back to them to help solve problems.
- Students are required to take notes in their notebooks. Students should have a notebook or binder to keep the notes in. A composition notebook is strongly recommended. Loose notes are not acceptable.
- Each day’s notes should include the principles and examples. The examples should include both the problem and the solution.

Tests and Quizzes

- Tests and quizzes missed during unexcused tardiness or absence may not be made up and a grade of zero will be recorded.
- You should plan to take test and quizzes at their scheduled time and finish in the time allotted. The only exceptions are an excused absence the day of the test or excused absences for at least the three days prior to the scheduled test day.
• All tests, once begun, must be finished prior to leaving. That is, a test (or quiz) must be finished in one sitting. You may not leave and then later return to finish a test.
• You should show your work on all tests and quizzes as it gives you the possibility of earning partial credit.
• No outside help will be permitted on any of the quizzes or tests. Anyone found cheating will be subject to severe discipline as outlined in the Andrews Academy Handbook and will lose all points for that test or quiz. Never appear to be looking on someone else’s paper during a test. Never talk to someone during a quiz or a test. Any such action will be interpreted as cheating even if you were not and all of the above results will follow.
• Each student may retake one test on which you receive below 80% each semester. See Mr. Wright to make arrangements.

Guidelines for Classroom Conduct

• All students are expected to be in their assigned seat and quiet when class begins. Attendance is taken when the bell rings. **If you are not in your seat, you may be marked absent or tardy.**
• If you are more than 10 minutes late, you will be assigned an absence.
• If you are absent more than 25% of the total class periods for the semester, you will be forced to withdraw from class. (For the morning classes, that means 19 absences 1st semester and 23 2nd. Afternoon class is 15 absences 1st semester and 18 2nd.)
• Please bring everything you will need for class with you. You may not be allowed to return to your locker once class begins. If you must leave the room after the bell has sounded, you may be marked tardy.
• Please refrain from talking to your classmates while Mr. Wright is instructing the class.
• Do participate in class discussions.
• Because of the number of students in this class, a rather formal atmosphere must be maintained. Therefore, the usual courtesies of hand-raising and taking your turn are expected and appreciated.
• When you are given your assignment, begin working promptly and work quietly until time is up.
• Eating (food, candy, etc.) and gum chewing are not permitted in the classroom. You can help keep our room a pleasant place to be by erasing any marks on your desk and by placing all waste paper in the basket by the door when class is dismissed. Your thoughtfulness is appreciated.
Evaluation

- School policy requires that letter grades be assigned according to the scale shown at right. Students are strongly encouraged to keep a record of scores, check often on their progress, and report any errors to Mr. Wright in a timely fashion.
- In this class, grades are weighted as follows: Practice Work, Notes, and Labs 40% and Tests and Quizzes 60%.
- Points for the Practice Work are as follows:
  - Each assignment = 1 point per problem based on number of problems completed correctly and work shown to back up the answers.
  - Notes = 5 points for each section we cover in class.
  - Labs = usually 20 points based on completeness and shown work.

- Points for Tests and Quizzes are as follows:
  - Tests = 100 points per chapter.
  - Quizzes = usually 5 points per quiz.
- Grades will be posted on Renweb.com. You will get a password from the office to access your grades. I will update the grades at least weekly. You are responsible to check and make sure your grades are correct. Mr. Wright is human and may incorrectly enter some scores.

Getting Extra Help

- Although there is often ample time during class to have questions answered and concepts clarified, students may occasionally need extra assistance outside of class. Please do not hesitate to contact Mr. Wright when questions arise. You may reach him at his office (471-6177) or on his cell (252-9482) preferably before 9:00 PM.
- If you need to meet with Mr. Wright after school hours, please make an effort to make an appointment in advance. Doing so will minimize frustration for all.
- If you just need some extra help, Mr. Wright is usually in his classroom after school from 3:15 to 4:30.

Important Notice

Please remember that Mr. Wright reserves the right to make any changes to this course outline at any time he deems necessary to better meet the needs of the class.