



Glencoe High School
Class Syllabus for Algebra 2
Barbara Scott

Teacher Contact Information

Teacher Name	Barbara Scott BS Mathematics MS Curriculum and Instruction MEd Special Education
Teacher E-mail	scottb@hsd.k12.or.us
Teacher Phone	503-844-1900 ext. 503-844-1900 ext. 3609 voicemail ext 73157
Teacher Website	
Office Hours and Availability	<ul style="list-style-type: none">• In general, the best way to contact a teacher is via email. Staff at Glencoe will return phone calls and emails to parents in a timely fashion.• Teachers regularly update parentvue. Be sure to have a log-in and check your student's progress frequently.• Teachers are also often willing to work with students outside of class time; however, it is up to students to arrange this time with the teacher.• I am available: 7:30 - 8:15 and 3:30 - 4:00 (no before school office hours on Wednesdays)

Course Information

Subject - Course Title	Math - Algebra 2
Course Description	<p>Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the function, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solve exponential equations using properties of logarithms. Algebra 2 focuses on four critical areas: Polynomial, rational and radical relationships, Trigonometric functions, Modeling with functions, and Inferences and conclusions from data. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.</p> <p>This course has an instructional plan for extension opportunities when students demonstrate mastery of the material. Please come and talk to me if you would like to access those opportunities.</p>
Course Content	<p>Algebra 2 focuses on four critical areas:</p> <ol style="list-style-type: none">1. Polynomial, Rational and Radical Relationships2. Trigonometric Functions3. Modeling with Functions4. Inferences and Conclusions from Data <p>Students in this class will learn and be expected to:</p> <ul style="list-style-type: none">■ Make sense of problems and persevere in solving them.

	<ul style="list-style-type: none"> ■ Reason abstractly and quantitatively. ■ Construct viable arguments and critique the reasoning of others. ■ Model with mathematics. ■ Use appropriate tools strategically. ■ Attend to precision. ■ Look for and make use of structure. ■ Look for and express regularity in repeated reasoning. 										
<p>WICOR Strategies</p>	<p>Write using proper algebraic terms and mathematical language Inquire to apply mathematical properties to story problems Collaborate to engage in Depth of Knowledge level 3 conversations Organize INB and goal-setting for success Read mathematical journal articles pertaining to the use of mathematical language, problem solving, Depth of Knowledge discussions.</p>										
<p>Grading Scale</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">90% -100%</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">80% - 89%</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">70% - 79%</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">60% - 69%</td> </tr> <tr> <td style="text-align: center;">F/I</td> <td> 0% - 59% Incompletes: Students may receive an incomplete grade from a teacher for various reasons. If an incomplete is given students must finalize their grade by completing any missing or make-up work within 2 weeks of the next semester starting. At this point any incomplete grade will become F. </td> </tr> </table>	A	90% -100%	B	80% - 89%	C	70% - 79%	D	60% - 69%	F/I	0% - 59% Incompletes: Students may receive an incomplete grade from a teacher for various reasons. If an incomplete is given students must finalize their grade by completing any missing or make-up work within 2 weeks of the next semester starting. At this point any incomplete grade will become F.
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<p>Grading Policy</p>	<p>Grading Policy. Summative Assessments 80%: Tests and Quizzes Classwork 20%: Assignments and Notebooks</p> <p>Cell phones are NOT to be used as calculators on tests/quizzes.</p> <p>Late Work. Late assignments will be accepted up to two school days after the assignment was due. Submitting work late will result in a 10% score reduction. No late work accepted after the test over that chapter/unit.</p> <p>Make-up Work and Exams. Students are allowed 5 school days following the absence to complete and submit any assignments/tests/quizzes that were assigned on the day they were absent. No make up work will be accepted for days the student was in class but chose not to do the assignment. Tests/quizzes will be made up after school in my room on the day I post as the make up day. At least 48 hours notice will be given of the date for make ups.</p> <p>Test Retake Policy. There are no retakes. Students scoring below 70% may do test corrections which could improve the test score up to 10%. Test corrections will include a complete showing of work on the problem as well as a written explanation of what was wrong the first time. Test corrections will only be accepted if all of the assignments preceding the test/quiz have been submitted. Test corrections must be submitted no later than the 5th school</p>										

	day after the test was taken.
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Classroom Expectations

Behavior Expectations	All students and the teacher will work together to maintain a safe, supportive environment conducive to learning by showing respect for others – student to student, student to teacher, and teacher to student.
Cell Phones and Technology	<p>Students will need a graphing calculator such as a TI 82 (or newer model). There are no graphing calculators available to borrow in class. There will be some scientific calculators available in class.</p> <p>Cell phones are to be turned off and put away unless otherwise directed by the teacher. Students are never permitted to take pictures or capture video of other students, teachers or staff.</p> <p>Student electronic devices are only allowed in classrooms with teacher approval at appropriate times and for appropriate uses. Misuse of technology will result in the following consequences:</p> <ul style="list-style-type: none"> ● First offense. Warning from the teacher. ● Second offense. Phone must be given to Assistant Principal's office and picked up at the end of the day by student. ● Third offense and beyond. Phone must be given to Assistant Principal's office and picked up by a parent/guardian.
Attendance and Tardies	<p>Students are encouraged to have over 90% attendance. Students who miss class are less likely to be successful in school. ALL absences need to be excused by parent/guardian.</p> <ul style="list-style-type: none"> ● Unexcused period absences are considered “skipping” and may result in a referral. Allowing make-up work for unexcused absences is up to teacher discretion. A student who is more than 10 minutes late is considered unexcused absent. ● For excused period absences, students have the number of days missed to make-up missing work. Exceptions to this are based on teacher make-up work policy. ● Tardies. Students who arrive to a class after the late bell rings must get a pass from the attendance office before being admitted to class. A period tardy results in lunch detention.
Academic Honesty	<p>Students are expected to put forth their best efforts on tests and assignments, and not deliberately underperform. Students are expected to demonstrate respect toward their instructors and peers by encouraging and facilitating learning. Engaging in various forms of cheating or academic dishonesty does not permit students to realize the full extent of the educational experience or their full academic potential. Students are encouraged to converse with others and assist other students, except when doing so is inconsistent with testing or assignment instructions.</p> <p>Prohibited events include, but are not limited to, using or sharing prohibited study aids or other written materials on tests or assignments. Academic dishonesty also includes sharing, collaborating, or communicating with others on tests or assignments, before or during tests or assignments, in violation of directions by the class instructor. Academic dishonesty may also include knowingly sharing false information or knowingly misleading another to reach a false answer or conclusion.</p>

	<p>Students who engage in academic dishonesty must either complete the invalidated summative assessment or an alternative assessment chosen by staff. Discipline may include detention; prohibiting the student from participating in school-sponsored activities or events; denial or revocation of school-conferred titles, distinctions, honors, or privileges; or suspension or expulsion.</p>