INTRODUCTORY ALGEBRA, 10th Edition, Bittinger

Math 50 or Math 12 with a grade of “C” or better or eligibility as determined by VVC assessment.

Textbook, notebook with paper, ruler, graph paper, pencil, and eraser. Work done in pen will not be accepted. NO CALCULATORS.

Upon successful completion of this course, the student will be able to do the following:

1. Evaluate algebraic expressions where the variables represent rational numbers;
2. Simplify algebraic expressions;
3. Solve linear equations;
4. Translate expressions into algebraic equations;
5. Solve applications;
6. Factor polynomials of the form \( ax^2 + bx + c \) where \( a > 1 \);
7. Simplify expressions containing exponents;
8. Simplify rational expressions that contain variables in the denominator;
9. Solve rational equations;
10. Solve a system of two equations in two variables utilizing the substitution and elimination methods;
11. Plot ordered pairs of numbers;
12. Graph lines by plotting x- and y-intercepts and utilizing the slope-intercept form;
13. Construct the \( y = mx + b \) equation of a line given a point and the slope;
14. Write the second root of a number in simplified form;
15. Solve quadratic equations by factoring, by Completing the square, and by utilizing the Quadratic Formula.
Attendance:

Remember that every lesson builds on the lesson from the previous day, so that if you miss a class you will have trouble understanding the next day’s lesson. Punctual and regular attendance is required. Please plan to arrive on time, and do not leave before the end of class. If you miss a half hour of class, you will be considered absent for one full class meeting. If you arrive late to class, you will be considered absent for a full class meeting. If you leave before the instructor has dismissed the class, you will be considered absent for one full class meeting. Also note that you are responsible for all material covered and announcements given in class.

If you know ahead of time that you will be late for a class or must leave a class early, please notify the instructor before doing so. If you do so, you might not be penalized. Remember to sit near an exit if you must leave early.

If a student wishes to drop the class, it is the student’s responsibility to officially drop the class by completing the necessary paperwork. Any student enrolled in the course after November 4, will receive a letter grade and cannot be dropped.

The purpose of the attendance policy is to help reduce disruptions to the learning environment. Students who arrive to a class late or leave early create distractions for EVERYONE. Enforcement of the attendance policy will help ensure a classroom environment suitable for the successful study of mathematics.

Classroom Behavior:

As a courtesy to fellow students as well as the instructor, you should remain quiet during class time unless you are asking the instructor a question or answering a question posed by the instructor. If you are disrupting the class, you will be given only one warning. If you disrupt the class again, you will be excused from class for the remainder of the day. You will be marked absent for that entire class meeting.

Cell phones, pagers, and other devices capable of electronic communication must be turned off during lectures and exams. These devices must not be visible at all during any class.

As is the case with the attendance policy, the purpose of the classroom behavior policy is to help reduce disruptions to the classroom environment. Classroom disruptions include, but are not limited to, speaking to anyone other than the instructor during class time and interrupting the instructor or a fellow student while that individual is speaking.

Grading Policy:

The scores you earn on quizzes, midterm exams and a final examination will determine your course grade. The points possible for each of these items are as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Points Possible</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes (6 x 25)</td>
<td>150</td>
</tr>
<tr>
<td>Test 1</td>
<td>150</td>
</tr>
<tr>
<td>Test 2</td>
<td>150</td>
</tr>
<tr>
<td>Test 3</td>
<td>150</td>
</tr>
<tr>
<td>Final Examination</td>
<td>200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>800</strong></td>
</tr>
</tbody>
</table>
Course grades will be determined utilizing the following scale:

<table>
<thead>
<tr>
<th>Course Grade</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>720 – 800</td>
</tr>
<tr>
<td>B</td>
<td>640 – 719</td>
</tr>
<tr>
<td>C</td>
<td>560 – 639</td>
</tr>
<tr>
<td>D</td>
<td>480 – 559</td>
</tr>
<tr>
<td>F</td>
<td>0 – 479</td>
</tr>
</tbody>
</table>

Homework: Homework and reading will be assigned for each day of the course and will be collected weekly, every Tuesday. To be successful in the class it is of extreme importance that you keep up with the work. You are encouraged to work with a classmate when trying to solve these problems, but you are required to write up your work independently. (Copied homework will not be tolerated and identical or almost identical homework will share a single homework score.)

Homework questions will be answered in class but I encourage you to visit the Learning Resource Center.

Quizzes & Exams: You will have three (3) tests worth 150 points each and a final worth 200 points. There will be 8 quizzes lasting 15-20 minutes given throughout the semester worth 25 points each. The best 6 quizzes will be counted for a total of 150 points. Therefore, you can miss two quizzes and it will not count against you. There will be NO make-up quizzes for any reason. Quizzes will be given at the end of the lectures.

You will not be allowed to use calculators, notes, or your book during an exam and quizzes. If you miss an exam, you will receive a 0 for that test. Make-up exams WILL NOT be given without serious and compelling reasons for your absence. If you are unable to make one of these exams, please let me know no later than the time the test is scheduled.

Test 3 will be comprehensive. If you get a higher score on test 3 than on the other 2 tests, then you can replace the lowest score of test 1, or test 2 with the same amount of point earned on test 3. Test 3 cannot be replaced with any other test.

Final Exam: The final exam will be held on Thursday, December 11 from 6:45 pm until 9:00 pm. This exam is comprehensive and there will be absolutely NO make-ups of the final exam. If a student does not show up for the final, they will not pass the class.

Suggestions:
- Keep an organized notebook for this course.
- Study all your homework before you take a test.
- Look at other problems besides the homework (practice).
- See your instructor about the homework or any other questions you may have about the course.
- If it helps rewrite your notes and make sure you understand the material.
Cheating: Students are expected to conduct themselves in a professional manner at all times. Using or giving improper assistance during an exam will not be tolerated. If you are caught cheating on a test or on the final examination, you will receive a score of zero points for that examination and appropriate disciplinary action will be taken.

Students with Disabilities: If you have a documented disability that limits major life activity which may have some impact on your work in this class and for which you may require accommodations, please notify the Disabled Students Program and Services. DSPS phone number (760) 245-4271 ext. 2212. Location: Student Service 2, Building 50.

Important Dates: Fall semester begins August 25
The last day to drop a full-term course without a "W": Nov. 4.
Veteran’s Day Holiday.(No classes) Nov. 10
Thanks giving Holiday.(no classes) Nov. 27 – Nov. 30
Final Exam Dec. 11