INSTRUCTOR: Professor Leslie Buck
COURSE: MAT007(MA07) - 23146, Algebra I
PREREQUISITE: MAT001(MA01) - Developmental Math skills or equivalent
TELEPHONE: 548-2628 - Department
548-3583 - Office S223
878-1337 - Home
EMAIL: buckl@sunysuffolk.edu
OFFICE HOURS: Monday 11:15 – 12:15 AM
Tuesday 12:30 – 3:30 PM
Wednesday 4:50 – 5:50 PM

OBJECTIVES: Upon successful completion of this course, students should be able to:
• Demonstrate an understanding of the use of variables as representatives of real numbers, the use of the order of operations to evaluate algebraic expressions, and the meaning of terms, expressions, and factors;
• Demonstrate an understanding of the arithmetic properties of real numbers (associative, commutative, identities, inverses, and distributive properties) and be able to apply these properties in manipulating algebraic equations;
• Solve linear equations and inequalities in one variable and apply these techniques to simple models;
• Solve systems of linear equations in two variables using the techniques of graphing lines, algebraic substitution method, and the algebraic elimination method, and apply these techniques to simple models; moreover, the methods of graphing a line should be done using table of values, intercepts, and incorporating the slope of the line;
• Perform polynomial addition, subtraction, multiplication, division by a monomial, and factoring; polynomial equations that can be factored, should be solved and these techniques applied to simple models;
• Simplify and perform basic operations on rational expressions; moreover, be able to solve rational equations using factoring techniques and apply these techniques to simple models;
• Demonstrate an understanding of radicals and simplify expressions involving radicals.

STUDENT REQUIREMENTS: In order to pass this course, the student must achieve a final average of at least 70%. Class attendance is essential. The student is responsible for all material taught or assigned by the professor. Absence is no excuse. The student is responsible for obtaining any assignments, notes, etc. from either the professor or a fellow classmate. Failure to do so is planning to fail.

Students are required to behave in accordance with the student code of conduct as outlined in the student handbook. An atmosphere of mutual respect will be maintained at all times in the classroom. Any student who is disruptive or violates proper classroom decorum (as outlined in the student handbook) will be asked to leave. Students who are repeatedly disruptive will be brought up on disciplinary charges. See Attendance Policy and Grading Procedures for more information on student requirements.

ATTENDANCE POLICY: This class begins at 6:00 PM and ends at 7:50 PM. Students are required to attend each class from beginning to end. It is disruptive to the learning environment if students are arriving late, leaving early or otherwise coming and going during class. This behavior will not be tolerated. Students with medical conditions or other valid reasons for non-compliance with this policy must notify the professor immediately (documentation may be requested).
Exceptions to this rule will be made only for extenuating circumstances and at the discretion of the professor. The student is responsible to follow registrar procedure for withdrawal. Students who neglect to do so and stop attending will receive a grade of F. Students will not be automatically withdrawn for excessive absence.

*College make-up dates are built into the calendar. This semester they are Tuesday, May 19th and Wednesday, May 20th. Do not make plans for these days. If there is a college-wide closing, we will utilize them.*

**GRADING PROCEDURES:** There will be 3 in-class exams, 22 quizzes and a cumulative final examination.

The lowest of the 3 exam grades will be dropped. Therefore, no makeup exams will be given. In the event that a student misses more than one exam, that student will receive a zero for that grade. The final exam will not be dropped. Extenuating circumstances will be considered on a case-by-case basis and will require documentation.

There will be 22 quizzes given throughout the semester. Each quiz will be worth 5 points and consist of one problem from the current day’s lesson or a homework problem from the most recent assignment. Students will have opportunity to ask questions concerning the homework or class work prior to the quiz. The lowest 2 quiz grades will be dropped. Therefore, no makeup quizzes will be given. The sum of the quiz grades will equal an exam grade.

There will be 4 grades which count and the average of these grades will become your final average.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Cumulative Average</th>
<th>Interpretation</th>
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<tbody>
<tr>
<td>SA</td>
<td>90-100</td>
<td>Satisfactory and Excellent</td>
</tr>
<tr>
<td>SB</td>
<td>80-89</td>
<td>Satisfactory and Above Average</td>
</tr>
<tr>
<td>SC</td>
<td>70-79</td>
<td>Satisfactory and Average</td>
</tr>
<tr>
<td>U</td>
<td>below 70</td>
<td>Unsatisfactory. Student should Repeat the course ASAP.</td>
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**NOTE:** Motivated students are encouraged to do extra credit assignments. Please let me know if you would like to improve your grade. Ample opportunity will be provided to earn class participation credit.

**TEXTBOOK:** Elementary Algebra, eighth edition, by Charles P. McKeague, Thomson Brooks/Cole

**CALCULATOR:** Any calculator may be used during class and on exams except for one that may perform symbolic manipulation. I would strongly recommend a scientific calculator. **USE OF ANY OTHER ELECTRONIC DEVICE IS PROHIBITED.** All cell phones, beepers, fax machines, etc. will be OFF and properly stowed at all times during class. Violation of this policy may be documented and used in an academic hearing.

**TENTATIVE EXAM DATES:**

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
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<tbody>
<tr>
<td>1</td>
<td>Wednesday 3/4</td>
</tr>
<tr>
<td>2</td>
<td>Wednesday 4/1</td>
</tr>
<tr>
<td>3</td>
<td>Monday 5/11</td>
</tr>
<tr>
<td>Final</td>
<td>Monday 5/18</td>
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</tbody>
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*** Students should be aware of the Academic Skills Center in Orient 234 (x2594) where FREE tutoring and extra help is available. I will also make myself available to students for extra help outside of class on a 1:1 basis. Please call or speak with me to set up an appointment. No appointment is necessary if you wish to drop in during my office hours. **I am happy to assist any student who wants to succeed.** Please take advantage of the opportunities and resources available to you at this institution.