Instructor: Daniel J Bueller
Office Phone: (727) 341-4221
Email: Bueller.Daniel@spcollege.edu
Instructor Webpage: http://www.spcollege.edu/instructors/id/2208
Course Webpage: http://mycourses.spcollege.edu


Prerequisite: An understanding of high school level Algebra I or equivalent.

Course Description: Major topics include: factoring, algebraic fractions, radicals and rational exponents, complex numbers, quadratic equations, rational equations, linear equations and inequalities in two variables and their graphs, systems of linear equations and inequalities, introduction to functions, and applications.

Course Goals: 1. The student will apply concepts of solving equations and inequalities. 2. The student will apply concepts of solving nonlinear equations and simplifying nonlinear expressions. 3. The student will perform the methods of factoring. 4. The student will apply concepts of rational expressions. 5. The student will perform the basic concepts of functions.

Calculators: Calculator use is recommended for this course. It is suggested that the student obtain at least a scientific (non-graphing) calculator for basic operations. For those continuing on to College Algebra or Statistics, it may be a better investment to obtain the TI-83 Plus or TI-84 Plus which is the preferred calculator for this course. Symbolic calculators, such as the TI-89, as well as cell phone calculators are prohibited during all tests.

Tests: There will be 4 chapter tests throughout the semester (see calendar for test dates). If one’s final exam score is higher than their lowest test score, then the final exam will replace said lowest test score.

Homework: Homework problems are listed on a separate sheet. Homework will be turned in and checked for completion on each test day.

Attendance: Students will be credited with 1 attendance point for every class period in which they arrive on-time (within the first five minutes of class) and stay through the duration of class.
Final Exam: Monday April 30th. This exam is comprehensive. The final may be exempt with a B if both the student’s test average and overall grade going into the exam is at least an 80%. The student will receive an A if both their test average and overall grade going into the exam is at least a 90%.

Grading:

<table>
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<tr>
<th>Category</th>
<th>Points</th>
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<tbody>
<tr>
<td>Tests</td>
<td>400</td>
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<tr>
<td>Homework</td>
<td>36</td>
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<td>Attendance</td>
<td>29</td>
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<tr>
<td>Final exam</td>
<td>135</td>
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Grading Scale: A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: 0-59%
A: 540-600 B: 480-539 C: 420-479 D: 360-419 F: 0-359

NOTE: Those who exempt the final will have their averages computed out of 465 points.

Extra Credit: Students taking the final exam may obtain up to 12 points of extra credit by completely reworking each of the four tests and turning them in on the day of the Final Exam. The extra credit will not be applied to those not taking the final exam and thus cannot be used to reach exemption.

Important Dates:

- January 12th – Last day to drop course and receive a refund
- January 15th – MLK Day; no class
- March 5th & 7th – Spring Break; no class
- March 21st – Withdrawal deadline to receive a grade of “W”

Attendance Policy: The college-wide attendance policy is included in the Syllabus Addendum www.spcollege.edu/central/asa/addendum.htm. The policy notes that each instructor is to exercise professional judgment and define “active participation” in class (and therefore “attendance”), and publish that definition in each syllabus. For this class, attendance is defined as the student attending every class and arriving/leaving on time. The student may be subject to administrative withdrawal from the course with a grade of WF if they are deemed, by the Instructor, to be not participating. Not participating can take any of the following forms:
  - Being absent for the majority of classes through the first three weeks.
  - Amassing 4 or more unexcused absences by the withdraw deadline.
  - Having an overall grade of less than 50% after the withdraw deadline.
Resources:

Learning Support Commons – Free Tutoring:
- Location: DC 314
- Phone: (727) 302-6591
- Web site: http://spcollege.libguides.com/downtown-tutoring

MyMathLab – E-book and supplemental exercises:
- Web site: MyMathLab.com
- Course ID: bueller52917
- Code: may be purchased in lieu of textbook or in addition to it

Khan Academy – Mini video lectures:
- Web site: KhanAcademy.org

Smarthinking – Free online tutoring:
- Is accessed through MyCourses
- There is a video tutorial here: http://www.spcollege.edu/tutoring/#tab=3
- It’s free!

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<thead>
<tr>
<th>Title</th>
<th>Dean of Mathematics</th>
<th>Academic Chair of Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Jimmy Chang</td>
<td>Nydia Nelson</td>
</tr>
<tr>
<td>Office</td>
<td>SP/G SA 215</td>
<td>MT JC 308</td>
</tr>
<tr>
<td>Phone</td>
<td>(727) 341-4305</td>
<td>(727) 614-7274</td>
</tr>
</tbody>
</table>

Survey of Instruction: The student survey of instruction is administered in courses each semester. It is designed to improve the quality of instruction at St. Petersburg College. All student responses are confidential and anonymous and will be used solely for the purpose of performance improvement.

Contingency Plan: In case of a natural disaster or an otherwise unforeseen event that would disrupt the delivery of classes on campus for an extended period of time, we will continue the course as planned via teaching and assessment materials to be uploaded via MyCourses.
Other Policies and Miscellanea:

- The student is responsible of knowing anything announced in class or via MyCourses email.
- Should there be a scheduling conflict on a test day, the student may take the test early or late only if the make-up test is arranged before the original test is given. The student must at least contact the instructor in some way prior to the administration of the normally scheduled test. There will be no exceptions to this rule (car troubles, sickness, etc.) without documentation. Should a test be missed the student will receive a zero.
- Make-up tests may only be scheduled during the Instructor's office hours. The student must be aware that they are subject to the potential for distractions in taking a test in the Instructor's office. If a student is not able to appear around the Instructor’s schedule, then the student will be unable to make up a test.
- Students will not receive attendance points for absences, excused or otherwise.
- Homework will be considered late if it is not turned in on the prescribed day.
- Late homework will be accepted for half credit.
- If the instructor makes a mathematical mistake in class, then the first student to point it out will receive 1 bonus point on their next test.
- No extra credit will be given except for what has been laid out in the syllabus.
- The instructor will use discretion in rounding up or down from final grades based on the student’s overall participation: attendance, contribution to the class atmosphere, doing homework problems on the board, visiting the instructor during office hours, etc.
- Grades will not be rounded up for exemption of the Final.
- If a student exempts the Final Exam, then their final grade will be the lower of their overall grade and their average test grade.
- Grades will be earned based on the grading scale and grading outline listed above. There will be no deviations from this. It is, therefore, inappropriate for students to ask for a grade at the end of the semester in which they do not have enough points for. Amount of time spent studying, needing to pass the class to graduate, needing a certain GPA for a scholarship, etc. will not be factored into actual point totals which determine grades.
- Semester points may not be obtained after the Final Exam is given.
- The instructor reserves the right to make any changes to the syllabus or course schedule if absolutely necessary and in the best mutual interest of the students and instructor.
- All college policies regarding student conduct, academic honesty, students with disabilities, withdrawals, etc. apply in this course. Please refer to the student handbook for more details.

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<tr>
<th>What do I expect from you?</th>
<th>What can you expect from me?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrive in class on time with a good attitude and be prepared to learn and participate</td>
<td>Arrive in class on time with a good attitude and be prepared to clearly teach the lesson</td>
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<td>Positively contribute to the classroom setting</td>
<td>Create an environment conducive to learning</td>
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<tr>
<td>Spend 2 hours in homework per 1 hour in class</td>
<td>Grade and return assignments promptly</td>
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<td>Give yourself a chance to succeed</td>
<td>Invest in your success</td>
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<tr>
<td>Check MyCourses for emails on a regular basis</td>
<td>Reply to emails in a timely manner</td>
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<tr>
<td>Respect all policies outlined in the syllabus</td>
<td>Remain within the parameters of the syllabus</td>
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Homework Assignments

eoo = every other odd problem

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