Instructor: Charles Avornyo
Office: MATH-328
Email: avornyoc@jacks.sfasu.edu

Office Phone: 936-468-3907
Math Department Phone: 936-468-3805

Class meeting time and room: 2:30-3:45 in MATH-206

Final Exam day and time: Friday, May 11, 10:30-12:30
No exceptions!

Office Hours... These hours have been set aside specifically to help students: Mondays: 10:00 -11:00
Tuesdays 4:00-5:00
Available other times by appointment

Textbook: Intermediate Algebra, by Turner and McKeague. Your teacher will tell you if the text is optional or required for your course.

Website: All students must have an account on XYZhomework. The access code can be purchased at bookstores serving the college. The ISBN is 9781936368563. The code is cheaper ($45.00, no tax) online at www.xyzhomework.com, plus 15-day free access is available to assist students waiting on financial aid checks.

Homework: The homework below is from the text for extra practice. All graded HW must be done on computer with XYZhomework (XYZHW). All exam questions will be similar to the problems below and the ones on XYZHW. The URL to access your online HW is http://www.xyzhomework.com.

HW Notebook: Part of your grade comes from your HW Notebook. When you do your online exercises, keep your work organized in an orderly fashion in either a spiral bound or flip-top notebook (no loose-leaf paper!) Write down the section heading and copy each problem, showing all the proper steps to the solution in your notebook. After arriving at a solution, transfer the answer to the computer for feedback and grading. Your notebook will be graded on neatness, completeness, and organization. No credit will be given for sloppy, disorganized work! Your teacher will provide you with examples of proper mathematical organization.

Definitions: Each exam will have approximately 10 points of definitions of important terms or concepts. Prior to each exam you will be provided with a sheet containing the words to be defined. Each word in a definition is important, so in most cases you should memorize them word-for-word.

Technology: You may use a four-function calculator on exams. Scientific and graphing calculators are not permitted. No cell phones, PDAs, earphones, or other electronic gadgets will be allowed during exams! Turn off and put away all cell phones and texting devices. Texting in class is grounds for dismissal!

Assessment: Your grade will be determined by three regular exams, a comprehensive final, daily work in the form of homework and quizzes (mostly online), a daily notebook, and attendance/participation. The formula is

Final Ave. = 0.50(Exam Ave.) + 0.15(Daily Ave.) + 0.05(NB Ave.) + 0.05(Att. Ave.) + 0.25(Final).
A passing final exam grade (at least 70%) can be used to replace one lower exam grade. To pass the course you must have an overall class average of at least a C (70%). Your letter grade will be assigned according to the usual grading convention:

<table>
<thead>
<tr>
<th>90-100%</th>
<th>80-89.9%</th>
<th>70-79.9%</th>
<th>60-69.9%</th>
<th>Less than 60%</th>
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<tbody>
<tr>
<td>RA</td>
<td>RB</td>
<td>RC</td>
<td>RD</td>
<td>RF</td>
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**Attendance and Tardiness:** Attendance is required. Each absence over one (except as per policy A-10, Student Handbook) will reduce your attendance/participation grade. (See supplemental handout.) Students are expected to be on time to class and to stay the entire period. Students who are tardy or who engage in off-task behavior may be marked absent and/or docked participation points. Students on financial aid must attend or lose their funding.

**Makeup Policy:** There will generally be no retests or make-up daily grades. A missed exam (grade of 0%) can be made up by making at least 70% on the final.

**Placement:** Students not exempt from testing who score below 350 on the TSI Assessment will be placed into developmental math courses by the Academic Advising Center. Placement into an entry-level credit math class (MTH 110, 127, 138, 143, or 220) is based on a TSI Assessment score of at least 350 or at least an RC in MTH 099. The purpose of this course is to prepare students to be successful in entry-level credit math classes at SFA.

**NOTE:** “Passing” the TSI Assessment does not equate to passing MTH 099! If you place out of MTH 099 during the semester, you should continue participating in the course to prepare for credit math, otherwise you will receive a QF final grade in MTH 099. **The placement test does not prepare you for credit math!** If you plan to place out of MTH 099, you should try this before the last date to drop/add so you can switch courses.

**Participation:** Bring textbooks, calculator, paper, and writing instrument to each class. You must be attentive to the task at hand, take notes, and be prepared to participate in class discussions. Be respectful of your peers and instructor. Texting during class (or other off-task activities) will be cause for dismissal. Students who do not attend class regularly or who perform poorly on class work may be referred to the ICare (Early Alert) Program. This program provides students with resources and other assistance that is available to help SFA students succeed.

**Acceptable Student Behavior:** Classroom behavior and dress should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. The instructor shall have full discretion over what behavior and dress is appropriate in the classroom.

**Commitment:** You must make a commitment to attend every class, to arrive on time and to stay the entire time. You must make a commitment to work in class by taking notes and working the examples given. You must make an additional commitment of doing work outside of class. Remember the college rule: “For every one hour in class, students should spend two to three hours out of class doing daily work and studying for exams.” This is not high school! In college you must actually perform in order to earn your grades. You must make a commitment to get help when you don’t understand what you are being asked to do. You must commit to working on math at least every two days. The more committed you are, the more successful you will be.

**Drops and Repeats:** Students in state-funded Texas colleges and universities are not be allowed to drop (with a grade of W) more than six courses total, including courses from transfer schools. In addition, the state will fund a maximum of 9 total hours (including repeats) of non-credit coursework. After that limit is reached, students will pay much more per class. For more information, contact the Registrar’s Office or your instructor.

**Cheating:** **Student Academic Dishonesty (University Policy 4.1)** Abiding by university policy on academic
integrity is a responsibility of all university faculty and students. (Continued below.)

**Definition of Academic Dishonesty**

Academicdishonesty includes both cheating and plagiarism. **Cheating** includes but is not limited to (1) using or attempting to use unauthorized materials on any class assignment or exam; (2) falsifying or inventing any information, including citations, on an assignment; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. **Plagiarism** is presenting the words or ideas of another person as if they were one’s own. Examples of plagiarism include, but are not limited to: (1) submitting an assignment as one’s own work when, it is at least partly the work of another person; (2) submitting a work that has been purchased or otherwise obtained from an internet source or another source; and/or (3) incorporating the words or ideas of an author into one’s paper without giving the author credit.

Any student caught cheating, aiding another student in cheating, or appropriating the words or work of others without proper citation will be subject to academic discipline. It is the responsibility of the student not only to abstain from cheating, but in addition, to avoid the appearance of cheating, and to guard against making it possible for others to cheat. Penalties are given at the discretion of the instructor and range from receiving zeros for the work done to expulsion from the University. Violations are tracked by the dean's office.

Please read the complete policy at [http://www.sfasu.edu/policies/student_academic_dishonesty.pdf](http://www.sfasu.edu/policies/student_academic_dishonesty.pdf)

**Student IDs:** You must show your student picture ID before exams. No ID, no exam!

**Withheld Grades:** Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course. The circumstances precipitating the request must have occurred after the last day in which a student could withdraw from a course. Students requesting a WH must be passing the course with a minimum grade of C.

**Disabilities:** To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. More information at: [http://www.sfasu.edu/disabilityservices](http://www.sfasu.edu/disabilityservices)

**Additional Help:** The AARC (Academic Assistance and Resource Center) provides tutoring and mentoring services including: **Walk-in tables** (available MTWR 1-8 and Sun. 4-8); **Power Hours** (special times at the walk-in table just for MTH 099); and **Learning Teams** (4 students enrolled in this course and a tutor.) LT enrollment dates: 1/17, 1/18, 2/14, 2/15, 3/21, and 3/22. For more information, visit the AARC (right side of the first floor of Steen Library) or the AARC webpage ([http://library.sfasu.edu/aarc/](http://library.sfasu.edu/aarc/)).

**Calendar:** The following calendar is tentative and subject to change with notification from your instructor. If you miss a class, be sure to contact your teacher or a classmate for the assignment. These problems are for extra practice and reference only! **All graded HW must be done on XYZHW.**

<table>
<thead>
<tr>
<th>Week of:</th>
<th>Section</th>
<th>Topic</th>
<th>Problems</th>
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<tbody>
<tr>
<td>Jan. 15</td>
<td>1.2</td>
<td>Properties of real numbers</td>
<td>1-8, 13, 15, 19, 23, 35, 39, 47, 53, 59, 71, 73, 83-93 odd</td>
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<td></td>
<td>1.3</td>
<td>Arithmetic with real numbers</td>
<td>9-12, 71-87 odd, 89-92, 93-99 odd, 109-112</td>
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<tr>
<td>Jan. 22</td>
<td>1.4</td>
<td>Exponents and exponent properties</td>
<td>1-4, 9, 11, 17, 18, 19, 23, 25, 27, 29, 31, 35, 41, 45, 47, 51, 55, 57, 59, 61, 63, 65, 67, 69, 71, 75, 77</td>
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<tr>
<td></td>
<td>2.1</td>
<td>Solving linear equations</td>
<td>1-11 odd, 13-16, 17-47 odd, 49, 50</td>
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<tr>
<td></td>
<td>2.2</td>
<td>Formulas</td>
<td>9-19 odd, 23-43 odd, 49, 59, 69-81 odd</td>
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</tbody>
</table>
Jan. 29  2.3  Applications  1-13 odd, 14, 16, 17-43 odd
     2.4  Solving linear inequalities, interval notation  1, 3, 9, 11, 17, 19, 21, 27-59 odd, 63
     2.5  Union, intersection, compound inequalities  1-23 odd, 29-39 odd, 49-59 odd, 63-71 odd
Feb. 5  2.5  Continue above (MWF only)
        Review or catch up day

Exam 1  Wednesday, 2/7 (MW) or Friday 2/9 (MWF)  Exam covers 1.2 - 2.5

Feb. 12  3.1  Graphing lines  1, 3, 9-23 odd, 18, 33, 39-47 odd, 48, 51, 53
     3.2  Slope  1-7, 11-19 odd, 39, 41, 49, 51, 53, 54, 55
     3.3  Writing equations of lines  1, 3, 5, 9, 15, 17, 19, 20, 23, 25, 27, 31, 33, 35, 37, 41, 43, 51, 53, 55, 57, 63, 64, 65, 69
Feb. 19  3.5  Intro. to functions, non-linear graphs  1-39 odd
     3.6  Evaluating functions  1-7 odd, 13-23 odd, 35, 37, 41, 42, 43, 45, 47, 48, 63-73 odd, 76, 79, 81, 85

Feb. 26  5.1  Addition/subtraction of polynomials  1-29 odd, 37, 51, 57, 61, 63, 65
     5.2  Multiplication of polynomials  1-11 odd, 15, 19-23 odd, 31, 33, 37, 41, 51
     5.4  Factoring GCF, and factoring by grouping  1-23 odd, 27-35 odd, 39, 41
Mar. 5  5.4  Continue above (MWF only)
        Review or catch up day

Exam 2  Wednesday, 3/7 (MW) or Friday 3/9 (MWF)  Exam covers 3.1 - 3.3, 3.5, 3.6, 5.1, 5.2, 5.4

Mar. 19  5.5  Factoring trinomials  1-9 odd, 13, 15, 21-39 odd, 43, 45, 47
     5.6  Factoring special products  1-5 odd, 19, 21, 25, 29-33, 41, 43, 45
     5.7  Factoring all types (review)  1-4, 6, 8, 9, 11, 12, 13, 16, 19, 21, 24, 27, 28, 31, 43
Mar. 26  5.8  Solving equations by factoring  1-11 odd, 15, 25, 39, 41, 43, 47, 53, 54, 55, 56, 73, 81, 83, 87, 90, 91, 95, 99, 103, 105, 107
     5.8  Continue above (MWF only)
        Easter Break (Thursday and Friday)

Apr. 2  6.1  Evaluating and reducing rational expr.  1-25 odd, 31, 53-61 odd, 75
     6.2  Multiplying and dividing rational expr.  5-27 odd, 68
     6.3  Adding and subtracting rational expr.  1-21 odd, 25-41 odd, 47, 51, 57, 81
Apr. 9  6.3  Continue above (MWF only)
        Review or catch up day

Exam 3  Wednesday, 4/11 (MW) or Friday 4/13 (MWF)  Exam covers 5.5 - 5.8, 6.1 - 6.3

Apr. 16  6.5  Solving rational equations  1-31 odd, 45
     7.1  Roots and radical functions  1-11 odd, 17-27 odd, 39, 43-47 odd, 55-61 odd
     7.2  Rational exponents  1-27 odd
Apr. 23  7.3  Simplifying radicals  1-9, 35, 37, 41, 45, 49, 51
     8.2  Quadratic formula  1-15 odd, 45-48, 76
     8.6  Graphs of quadratic functions  1, 3, 17-24, 27-30
Apr. 30  8.7  Applications of quadratic functions  7-14, 15-19 odd, 21-24
        Review or catch up day
        Review or catch up day (MWF only)

May 7  Comprehensive Final Exam

Optional  8.1  Square root property  1-21 odd