

# MAT 1110 College Algebra Online Course Syllabus

## Course Syllabus Online College Algebra

### Math 1110: College Algebra

Class Information: 3 Credit Hours

#### Textbook and Online Learning Resource Requirements:

Notice that access to the Pearson online learning resource called MyMathLab is **required!** MyMathLab is the place where you will find your homework and test assignments. It contains a digital copy of the text. Also, you will find several tutorial aids that will help you learn College Algebra.

Purchase MyMathLab access ONLY (without the hardcopy) with ISBN-10: 032119991x. MyMathLab includes an online digital copy of the course textbook. You can purchase MyMathLab access directly from Pearson at the CourseCompass link below, or you can purchase it at the Shorter University Bookstore.

**After you obtain your access code**, just go to [w \(Links to an external site.\)Links to an external site.ww.mymathlab.com](http://www.mymathlab.com)

Your instructor will e-mail you the course code and instructions needed to register for the course.

#### Course Description

Topics covered include properties of real numbers, order and absolute value, complex numbers, scientific notation, factoring polynomials, linear and quadratic equations, systems of equations, linear inequalities, graphing, and logarithms.

#### Getting Help

Make sure you ask for help in a timely manner. Waiting to ask questions might cause you to fall farther behind. You can e-mail the instructor questions or set up a time to meet outside of class. Free tutoring is also available (sign up through scholar).

#### Course Goals and Outcomes

This is a basic course in algebra, and algebra is the language of mathematics. Therefore, an overriding goal of this course is to prepare students for the quantitative/analytic communication that they will encounter during their college

experience and throughout their professional lives. Another very important aspect of algebra is the solution of problems. Therefore, the development of critical thinking skills is another significant goal of this course. These goals support the Educational Principles for Undergraduate Programs numbers I, III, and VIII in your Student Handbook. Also supported are Department Goals 1 and 2 and Teacher Preparation Goals I 1, 3, 4, 5, and 6.

The successful student will be able to apply the rules and algorithms of algebra to:  
Manipulate and simplify algebraic expressions. (Principle I, III) (TPPI: 1, 4, 6)

Solve linear and nonlinear inequalities. (Principle I, III) (TPPI: 1, 4, 6)

Solve linear and quadratic equations. (Principle I, III) (TPPI: 1, 4, 6)

Solve systems of linear equations. (Principle I, III) (TPPI: 1, 4, 6)

Solve word problems associated with linear and quadratic equations. (Principle I, III) (TPPI: 1, 3, 4, 6)

Perform the analytic and geometric analysis of straight lines, circles, parabolas, and general polynomial functions. (Principle I, III) (TPPI: 1, 4, 6)

Apply function notation in algebraic and geometric problems. (Principle I, III) (TPPI: 1, 4, 6)

Solve logarithmic equations. Principle I, III) (TPPI: 1, 4, 6)

In addition, successful students will be able to demonstrate their understanding of the vocabulary of college algebra by identifying, giving examples of, and/or defining such terms as whole numbers, reduced form, distributive property, etc. (Principle I, III, VIII) (TPPI: 1, 4, 6)

## **Course Assignments/Assessments**

There will be two types of assignments: homework and tests. The assignments are all on MyMathLab and the grades are posted there as well. To do these assignments you will go to [w \(Links to an external site.\)Links to an external site.](#)ww.mathlab.com and login to MyMathLab, an online learning resource associated with our text (see "Textbook" above).

## **Homework Assignments**

The first week's homework assignment covers Chapter P, which serves to establish the prerequisite material for the course. The remainder of the homework assignments cover sections from Chapters 1 - 4 and objectives will be posted for each chapter. Each homework assignment will include problems from the text sections represented on the following test. This means that each homework assignment will be lengthy, but you can stop and restart as needed. The program will save your progress. Each homework assignment counts 50 points. See "Grade Policy" below. As you work through these assignments in MyMathLab, you will notice various types of tutorial help is available: you can ask for hints; you can ask to see similar problems worked out; you can access

the relevant section in our text; you can watch video instructions; etc. Also, as described in "Getting Help" (above), you may email me questions or post to the course forum. In MyMathLab, you may open, close, and submit a homework assignment as many times as you like (note that problems completed after the due date receive a 50% penalty).

### **Chapter Tests:**

You will have 3 hours to complete each test and each test will count 100 points. You'll have 3 attempts for each test and the higher grade will count. Once you begin a test, you must complete that attempt in one sitting.

### **Final Exam:**

This is just like the Chapter Tests (above) except it will count 200 points and is cumulative.

|          |   |
|----------|---|
| Test 1   | 100 pts.  |
| Test 2   | 100 pts.  |
| Test 3   | 100 pts.  |
| Homework | 350 pts. (50 pts for each assignment in mymathlab.) |
| Final    | 200 pts.  |
| Total    | 850 pts.  |

\*Please note that the grade on moodle is not updated automatically from MyMathLab. Some instructors choose not to post grades on moodle because the grade on MyMathLab is sufficient. If you have a question about your grade, please contact the instructor.

### **Course Grading Scale**

90 - 100.0% = A

80 - 89.99% = B

70 - 79.99% = C

60 - 69.99% = D

0 - 59.99% = F

## **Technical Requirements and Support**

Students are required to have a computer, e-mail, and Internet access to enroll in this course. Technical support is available

24/7/365. (<https://support.pearson.com/getsupport> (Links to an external site.)Links to an external site.)

## **Course Schedule**

The course calendar is located on the course Web site. Please see the e-mailed course calendar for due dates specific to our term. All currently assigned work will be displayed when you log into MyMathLab, and the due date will be listed there as well.

## **Policy on Instructional Modification**

Students with disabilities who need reasonable modifications to complete assignments successfully and otherwise satisfy course criteria are encouraged to discuss services needed with the instructor as early in the course as possible to identify and plan specific accommodations. Students may be asked to supply a letter from their doctor or other documentation that will assist in planning modification.

## **Honor Code**

All academic work at Shorter College falls under the Honor System. Here is the Honor Code statement.

"On my honor, I will abstain from all deceit. I will neither give, receive, nor use any unauthorized aid in my academic work, nor will I permit such action by any member of this community. I will respect the persons and property of the community, and will not condone discourteous or dishonest treatment of these by my peers. In my every act, I will seek to maintain a high standard of honesty and truthfulness for myself and for the College."

Quizzes, tests, examinations, projects and papers to be graded must be accompanied by the following pledge and signed by the student. When assignments are submitted electronically, the submission itself is acknowledgement by the student that he/she has adhered to the Honor Code.

"On my honor, I pledge that I have neither given, received, nor used any unauthorized aid on this assignment."

## **Academic Integrity Policy:**

*A Community of Honor*

As a liberal arts university committed to the Christian faith, Shorter University seeks to develop ethical men and women of disciplined, creative minds and lives that focus on leadership, service and learning. The Honor System of Shorter University is designed to provide an academic

community of trust in which students can enjoy the opportunity to grow both intellectually and personally. For these purposes, the following rules and guidelines will be applied.

### *Academic Dishonesty*

"Academic Dishonesty" is the transfer, receipt, or use of academic information, or the attempted transfer, receipt, or use of academic information in a manner not authorized by the instructor or by university rules. It includes, but is not limited to, cheating and plagiarism as well as aiding or encouraging another to commit academic dishonesty.

"Cheating" is defined as wrongfully giving, taking, or presenting any information or material borrowed from another source - including the Internet by a student with the intent of aiding himself or another on academic work. This includes, but is not limited to a test, examination, presentation, experiment or any written assignment, which is considered in any way in the determination of the final grade.

"Plagiarism" is the taking or attempted taking of an idea, a writing, a graphic, musical composition, art or datum of another without giving proper credit and presenting or attempting to present it as one's own. It is also taking written materials of one's own that have been used for a previous course assignment and using it without reference to it in its original form.

Students are encouraged to ask their instructor(s) for clarification regarding their academic dishonesty standards. Instructors are encouraged to include academic dishonesty/integrity standards on their course syllabi.

### *Procedure*

- A. It is the responsibility of an instructor to certify that academic assignments are independently mastered sufficiently to merit course credit. The responsibility of the student is to master academic assignments independently, refrain from acts of academic dishonesty, and refuse to aid or tolerate the academic dishonesty of others.
- B. If an instructor determines that the student is guilty of academic dishonesty, the instructor must discuss the matter with the student. In the event the instructor cannot reach the student in a timely manner, such as when the student has gone home at the end of a semester, the instructor may assign a grade of "I" (Incomplete) until the student can be contacted and the

matter of academic dishonesty discussed. The instructor then completes the "Academic Violation Form" (see Appendix A) which should include evidence and other necessary documentation. The instructor will determine the appropriate remedy: either to assign a grade of zero on that assignment in question or a grade of "F" in the course. The student will designate whether he/she accepts the remedy for the violation of the dishonesty policy or wishes to appeal the instructor's decision. If a student elects to appeal, the "appeal due date" line must be completed on the Academic Violation Form. (See the Appeals section below for more information regarding the appeals process)

- C. Upon completion, the instructor forwards the Academic Violation Form to the Registrar's for the placement in the student's permanent record. The Registrar will forward copies of the Academic Violation Form to the student, the faculty member, department chair, academic dean, dean of students, provost, and president. Not appealing when the form is first completed or by the appeal due date will be taken as an admission of guilt, except under compelling circumstances to be determined at the sole discretion of the provost.
- D. If upon receipt of the Academic Violation Form the Registrar determines that the student is guilty of a second offense, then a grade of FD (Failure Due to Academic Dishonesty) will be assigned by the Registrar for the course regardless of the remedy specified on the Academic Violation Form. Assigning the FD is to be done by the Registrar when the second Academic Violation Form is placed in the student's record, and the Registrar will notify all parties in writing. The student is then permanently disbarred from membership in any honorary society and is permanently ineligible for any SU honor list. The student may petition the Academic Integrity Appeals Committee to have the dishonesty notation removed from the transcript after one year or upon graduating from the University if no additional dishonesty offenses occur and the student satisfactorily completes the Academic Integrity Program. The grade of F remains on the transcript. Upon receipt by the Registrar of a third offense, the Registrar will assign the grade of FD and then notify all parties. After all appeals are exhausted, if the third offense still stands, then the student will be permanently expelled from the University. The notice of expulsion will be forwarded to the student, department chair, appropriate academic dean, dean of students, provost, and president. A copy of the final report with the three offenses will become a part of the student's permanent record. The university reserves the right to expel the student after a first or second offense, depending on the circumstances and at the sole discretion of the provost.

### *Appeals*

- A. The student who wishes to appeal an academic violation charge should submit his/her appeal in writing to the chair of the appropriate department by the appeal due date indicated on the Academic Violation Form, which is normally within ten regularly scheduled class days after the completion date of the Academic Violation Form. This statement should contain the reasons for which the student is appealing the instructor's decision. The burden of proof lies with the student in such a case to show that an error or malfeasance has occurred. Within ten regularly scheduled class days of receiving the written appeal, the department chair will notify in writing

both the instructor and the student of the chair's decision. If the department chair is also the instructor who files the Academic Violation Form, then the student must appeal to the appropriate academic dean.

- B. When, in the opinion of the department chair, the student fails to show reasonable cause for further investigation, the chair may deny the appeal without taking further action. When, in the opinion of the department chair, a student's appeal raises reasonable doubt as to whether a mistake or malfeasance has occurred, the chair will meet with the faculty member and with the student and render a decision within ten regularly scheduled class days of the receipt of the appeal. If the decision favors granting the student's appeal, the department chair may request that the Registrar remove the Academic Violation Form from the student's record. The chair will notify both the student and the instructor of this action.
- C. If the student files the initial appeal or elects to appeal the chair's decision during Maymester, Summer I, Summer II or during final exam week of the Fall or Spring semesters and if the instructor or department chair is not available during that time, all of the foregoing time requirements begin to run with the first day of class in the next major term. In extreme or unusual circumstances regarding the timeliness of the appeals process, the provost will make the final determination.
- D. Any student who has exhausted the remedies open under the procedures outlined above may appeal the entire matter to the Academic Integrity Appeals Committee in writing within ten regularly scheduled class days of receiving the response from the department chair. Upon receipt of the appeal, the Academic Integrity Appeals Committee will review the matter and issue a decision within fifteen (15) regularly scheduled class days. The Academic Integrity Appeals Committee has the authority to deny the appeal, reduce the penalties in the event of extenuating circumstances, or direct the registrar to remove the record of the Academic Violation Form from the student's permanent record. The results of the Academic Integrity Appeals Committee are final.
- E. All results from the proceedings of the Academic Dishonesty Appeals Committee should be reported to the appropriate academic dean, dean of students, provost, and president as information.

NOTE: During the appeals process, the student may continue to attend the class in which the violation occurred.

**Disability Services:** If you believe you are entitled to reasonable accommodation based on a documented disability (per The Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973), please contact Student Support Services at 706-233-7417 or visit <http://www.shorter.edu/disability-services> for more information.