

**MATH 1314
COLLEGE ALGEBRA
Fall 2014**



INSTRUCTOR: ELLEN TURNELL	Office: Win 115
Office Hours: M/W 8:45-9:45 T/TH Noon-1:00	E-mail: ellen.turnell@lonestar.edu
Phone #: 281-618-5761	Web Page: http://nhmath.lonestar.edu/Faculty/TurnelleE/index.html

Test Dates:

Test #1: Thurs. Sept. 18 th	Test #3: Thurs. Nov. 6 th
Test #2: Tues. Oct. 14 th	Test #4: Tues. Dec. 2 nd
Final Exam: Thursday, Dec. 11 9:30-11:20 (Note earlier time)	

Nov. 10th—Last day to drop and receive a W

Textbook:

Custom textbook created by Ellen Turnell. Available in the bookstore and online

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ATTENDANCE:

If you must miss a class, contact a member of the class to find out the assignment or refer to the assignment sheet. Also, tardies are annoying for both instructor and students. Avoid them. I may drop you after 4 absences.

ELECTRONIC DEVICES:

Please keep all beepers and cell phones on a silent/vibrate mode. Any electronic device that makes noise during a test will result in the loss of 5 points on that test.

CALCULATORS:

You may use an approved calculator on tests and homework. You may NOT share calculators during a test. You may NOT use an algebraic manipulator type calculator. (TI-89 for example)

HOMEWORK:

At the end of each session, an assignment will be made. Mathematics cannot be mastered without spending time working problems. Homework will be collected randomly after we have had time to answer questions. The homework will be averaged will count as 10% of your final grade. **NO LATE HOMEWORK** will be accepted.

EVALUATION:

During the semester there will be four (4) major in-class tests and a COMPREHENSIVE final exam will be given. These 5 tests will be combined for a total of 90% of your final grade.

MAKE-UP WORK AND TESTS:

If you are absent, you will receive a zero on the homework assignment that was due. If you cannot attend class, you may have someone else turn it in for you. If you are absent for a major test, there will NOT be any MAKE-UP TESTS. (You may take tests earlier than scheduled) Your comprehensive final exam grade may replace this grade or your lowest test grade. ONLY ONE test may be replaced by the final exam.

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MATH 1314

Student Course Document – Revised Fall 2014

1. **Course Title:** College Algebra
2. **Prerequisite:** Intermediate Algebra (Math 0310) or placement by testing
Co-requisite: English 0305 or 0316 (developmental reading) or placement into college Level English by testing
English 0307 or 0326 (developmental writing) or placement into college Level English by testing
3. **Credit:** Three (3) Semester Hours
4. **Purpose:**

College Algebra is designed to fulfill the minimum math requirements for graduation from a state four-year college and to develop the algebraic skills and concepts needed for study in future math courses.
5. **Major Course Outcomes:**
 - 5.1 To solve quadratic and rational inequalities
 - 5.2 To review the methods for solving quadratic equations, equations in quadratic form, and radical equations
 - 5.3 To develop an understanding of the concept of a function including topics such as the domain and range of a function, functional notation, piecewise-defined functions, function transformations, operations with functions, and the inverse of a function
 - 5.4 To study techniques of graphing functions; including polynomial, rational, exponential and logarithmic functions.
 - 5.5 To use distance and midpoint formulas to develop equations of circles. To convert the general form of a circle's equation to standard form.
 - 5.6 Optional: To study the techniques for graphing quadratic equations in two variables; included are ellipses and hyperbolas with centers at the origin.
 - 5.7 To study the properties of logarithms and their applications in simplifying expressions and solving exponential and logarithmic equations
 - 5.8 To develop strategies for finding zeros of polynomial functions; included in this study are the Rational-Roots Theorem and the Fundamental Theorem of Algebra
 - 5.9 To study matrix solutions to linear systems by using reduced echelon form.
7. **Evaluation:**

The allowable final grades in Math 1314 are A (final average of 90 to 100%), B (final average of 80 to 89%), C (final average of 70 to 79%), D (final average of 60 to 69%), F (final average below 60%), and I (reserved for students unable to complete the last part of the course due to illness or other extenuating circumstances). Note that I's are not to be given to a student who simply gets behind and cannot get caught up.

9. **MyLonestar:**

MyLoneStar gives students, faculty, and staff access to important academic information. It allows a student to register, search for courses, obtain financial aid information, pay tuition and fees, and view course grades. From www.lonestar.edu, click on MyLoneStar at the top right corner. Follow the instructions for securing your user name and password under the Self-Service Tools. Please contact the helpdesk at 1-832-813-6600 or send an email to ots@lonestar.edu for further assistance.

10. **Withdrawal Policy/Student Drop Limit:**

Students who enrolled in Texas public institutions of higher education as first-time college students during the Fall 2007 term or later are subject to section 51.907 of the Texas Education Code, which states that an institution of higher education may not permit a student to drop (withdraw with a grade of “W”) from more than six courses. This six-course limit includes courses that a transfer student has previously dropped at other Texas public institutions of higher education if they fall under the law.

Students should be sure they fully understand this drop limit before they drop a course. Please visit the admissions office or counseling/advising center for additional information and assistance.

11. **Academic Integrity:**

Lone Star College System is committed to a high standard of academic integrity in the academic community. In becoming a part of the academic community, students are responsible for honesty and independent effort. Failure to uphold these standards includes, but is not limited to, the following: plagiarizing written work or projects, cheating on exams or assignments, collusion on an exam or project, and misrepresentation of credentials or prerequisites when registering for a course. Cheating includes looking at or copying from another student’s exam, orally communicating or receiving answers during an exam, having another person take an exam or complete a project or assignment, using unauthorized notes, texts, or other materials for an exam, and obtaining or distributing an unauthorized copy of an exam or any part of an exam. Plagiarism means passing off as one's own the ideas or writings of another (that is, without giving proper credit by documenting sources). Plagiarism includes submitting a paper, report or project that someone else has prepared, in whole or in part. Collusion is inappropriately collaborating on assignments designed to be completed independently. These definitions are not exhaustive. When there is clear evidence of cheating, plagiarism, collusion or misrepresentation, a faculty member will take disciplinary action including but not limited to: requiring the student to retake or resubmit an exam or assignment, assigning a grade of zero or “F” for an exam or assignment, or assigning a grade of “F” for the course. Additional sanctions including being withdrawn from the course/program or being expelled from school may be imposed on a student who violates the standards of academic integrity.

12. **Division Counselor:**

Rhonda Cannon, Counselor for Math and Natural Sciences, is available in Winship 115G to assist you in meeting your academic, career, and personal goals. Confidential counseling services are available by appointment to help you overcome academic challenges, make a career choice, plan your transfer, and to gain self-understanding. To schedule an appointment call 281-618-5480 or email rhonda.cannon@lonestar.edu or stop by Winship 115G.

*** It is the responsibility of the student to drop a class by “W” day if he/she desires.**

13. **ADA Statement**

The American Disabilities Act (ADA) is a federal anti-discrimination statute that provides civil rights protection for persons with disabilities. If you have a disability that requires accommodation(s) to participate in this course, please contact the LSC-North Harris Learning Accommodations Center Office as soon as possible (Winship 120, 281-765-7940). The office will provide you with documentation I need to provide your accommodation(s). Failure to handle this in a timely manner may delay your accommodations.

14. **Withdrawal Policy/Student Drop Limit**

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15. **Emergency Notification Info**

LSCS is committed to maintaining the safety of the students, faculty, staff, and guests while visiting any of our campuses. See <http://www.lonestar.edu/oem> for details. Register at <http://www.lonestar.edu/12803.htm> to receive emergency notifications. In an emergency, contact LSCS Police at 281-290-5911 or x5911.