

Collin County Community College COURSE SYLLABUS

Course Number: Math 0305

Course Title: Beginning Algebra

Course Description: Study of rational numbers, expressions, linear and quadratic equations, absolute value equations, polynomials, factoring, rational expressions, rational equations, exponents and graphing linear equations. Lab included. NOTE: May not be used to satisfy the requirements for an associate degree. 3 credit hours.

Course Credit Hours: 3 Lecture Hours: 3 Lab Hours: 1

Prerequisite: Math 0302 or assessment

Corequisite: None

College Repeat Policy: Developmental courses may be taken for a combined total of no more than 27 credit hours.

Textbooks: See instructor's syllabus

Supplies: A graphing calculator is required and the TI 83, TI 83 Plus, or TI 84 is preferred
Calculators with computer algebra system (CAS) will not be permitted on exams, unless prior approval is obtained from the instructor. Also, a pad of graphing paper (20 sheets, 5-squares/inch) may be required by the instructor.

Student Learning Outcomes: After successful completion of this course, a student will be able to:

Solve a linear equation.

Identify, graph, and evaluate a function.

Perform an operation with polynomials or rational expressions.

Factor a polynomial and solve a quadratic equation by factoring.

Solve an application problem involving an equation with a polynomial or a rational expression.

Course Requirements: Attend class as scheduled and complete the required tests, lab assignments, final examination, and any other assignments required by the instructor.

Course Format: This is a lecture course with a lab component. Students are encouraged to use the Math Lab to complete the required lab assignments. Video CDs are available for viewing online or in the Math Lab at each campus..

Method of Evaluation:

Tests - During each term, a minimum of three tests and a maximum of five tests will be given over the chapters covered.

Tests must count between 55% - 75% of the final grade.

Lab exercises - The grade average of the lab assignments must count between 10% - 15% of the final grade.

Final exam - A comprehensive departmental final exam is REQUIRED for all students at the end of the course (NO EXCEPTIONS). The Final Exam must count at least 15% of the final grade.

Service-Learning - A Service-learning project is highly recommended as an optional component of this course.

Other assignments - The weight of quiz, homework, portfolios, etc. (if applicable) will be designated by the instructor. These grades may count up to 20% of the final grade.

The maximum weight of labs, homework, projects, quizzes, portfolios, etc. cannot exceed 30% of the final grade. Each instructor will determine the exact weight for every component of the final grade.

Grading Policy: Grade AD, BD, CD, FD or IP will be awarded. A grade of "DD" will **not** be awarded.

Attendance Policy: Attendance is expected at every scheduled class meeting. EACH INSTRUCTOR WILL ISSUE HIS/HER ATTENDANCE POLICY IN WRITING. Please see the Registration Guide for the last day to withdraw. Religious Holy Days: please refer to the current *Collin Student Handbook*.

ADA Statement: It is the policy of Collin County Community College to provide reasonable and appropriate accommodations for individuals with documented disabilities. This College will adhere to all applicable Federal, State, and Local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to contact the ACCESS Office (SCC G-200) or 972-881-5898, (TDD-972-881-5950) in a timely manner if he/she desires to arrange for accommodations.

Academic Ethics: The College District may initiate disciplinary proceedings against a student accused of scholastic dishonesty. Scholastic dishonesty includes, but is not limited to, statements, acts related to applications for enrollment or the award of a degree and/or the submission as one's own work or material that is not one's own. Scholastic dishonesty may involve, but is not limited to, one or more of the following acts: cheating, plagiarism, collusion, use of annotated texts or teacher's edition, and/or falsifying academic records.

Cheating is the willful giving or receiving of information in an unauthorized manner during an examination, illicitly obtaining examination questions in advance, copying computer files, copying internet material, using someone else's work for assignments as if it were one's own, or any other dishonest means of attempting to fulfill the requirements of a course.

Plagiarism is the use of an author's words or ideas as if they were one's own without giving credit to the source, including, but not

limited to, failure to acknowledge a direct quotation.

Collusion is intentionally aiding or attempting to aid another in an act of scholastic dishonesty, including but not limited to, providing a paper or project to another student; providing an inappropriate level of assistance; communicating answers to a classmate during an examination; removing tests or answer sheets from a test site, and allowing a classmate to copy answers.

Texas Success Initiative (TSI) Policy: The TSI was mandated through action of the 78th Texas Legislature to replace the Texas Academic Skills Program (TASP). Like TASP, TSI is designed to measure competency in reading, writing and mathematics and to provide developmental courses in areas identified deficiencies. The developmental courses are designed to promote student success and to ensure college readiness and students are encouraged to complete the required developmental course(s) early in their college career.

