MATH 0303.089 Beginning Algebra

Course Syllabus: Summer II 2017

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Online
	8:00 – 6:00	8:00 – 6:00	8:00 – 6:00	8:00 – 6:00	8:00 – 12:00	

The information contained in this syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.

Catalog Course Description (include prerequisites): No college credit.
Lecture/Lab/Clinical: Three hours of class each week
Prerequisite: MATH 0301 or TSI placement.
This course is designed for those students who have had no previous algebra in high school or for those in need of a review of basic algebra. Content includes linear equations in one or two variables, graphing linear equations, factoring, properties of exponents, literal equations, and practical word problem applications.

Knowledge:
This course is designed to provide an introductory overview to the concepts listed above and it serves as the second level course in NTCC's developmental mathematics course sequence. As such, knowledge of the material covered in MATH 0301 is essential in being able to master the concepts in this course. A course description for MATH 0301 can be found at catalog.ntcc.edu.

Required Textbook(s)/Materials:
No textbook is required; however, you must purchase a MyMathLab access code. If you have previously been enrolled in MyMathLab, you do not have to purchase a new one. You will also need a webcam, a microphone, and speakers if your computer does not have these built-in.

Publisher: Pearson
ISBN Number: 978-0321199911

Student Learning Outcomes:
Upon the successful completion of this course, students will be able to:
1. Define, represent and perform operations on real numbers.
2. Solve linear equations, inequalities and application problems using the addition and multiplication principles.
3. Memorize the basic terminology of the rectangular coordinate system and graph linear equations in two variables.
4. Demonstrate proficiency with the terms, properties, and operations of polynomials.
5. Factor a variety of expressions including greatest common factor, trinomials, difference of squares and perfect square trinomials.

Lectures & Discussions:

Review of Fractions
3.1   Reading Graphs: Linear Equations in Two Variables
3.2   Graphing Linear Equations in Two Variables
5.1.   Adding and Subtracting Polynomials
5.2.   The Product Rule and Power Rules for Exponents
5.3.   Multiplying Polynomials
5.4.   Special Products
5.5.   Integer Exponents and Quotient Rule
5.6.   Divide a Polynomial by a Monomial
5.8   Scientific Notation
6.1   Factors: The Greatest Common Factor
6.2   Factoring Trinomials
6.5   Special Factoring Techniques
6.7   Solving Quadratic Equations by Factoring

Blackboard Collaborate:
This is not a graded assignment, but to better facilitate interactive discussion during the course, there will be a weekly online session, held via Blackboard Collaborate, in which we as a class will discuss issues related to the material and answer any questions you may have. Under the "Start Course Here" link on the left-hand side of the page you will notice a link called "Collaborate". Once there, you will see links for 5 available sessions in which you must choose 1 to participate. You can participate in all 5 if you wish, but 1 is required. These sessions will not last any longer than an hour usually.

Evaluation/Grading Policy:
All weekly assignments are made available on Monday of each week with everything being due on Sunday. Students may work as fast or as slow as they like provided they meet the overall deadline. The chapter review will have to be completed at 70% before you can attempt the exam. There will be an exam assigned after each chapter and a comprehensive final. Two attempts on the exams (except for the final) will be allowed in order to either improve your score or achieve a passing score.

Grading System
The grading system that will be posted on MyMathLab is chapter exams 30%, quizzes 20% & homework 50%. Passing a developmental course is considered 70% or better. Each chapter assignment (18 total), quiz (4 total) and test (3 total) are worth 10, 20, and 30 points respectively, which total up to a possible 350 points. The individual chapter assignments each contribute approx. 2.8% to the overall grade, each quiz 5% and each test 10%. The breakdown of each grade category is as follows:

A: 350 – 315 points (90% - 100%)
B: 314 – 280 points (80% - 89%) C:
279 – 245 points (70% - 79%)
D: 244 – 210 points (60% - 69%)
F: 209 points or below (59% - below)

The individual chapter assignments and tests are designed to assess the material covered in the text and in our online discussions. The chapter assignments have an unlimited amount of attempts you can make; however, each test only allows for two total attempts.

All of the items in MyMathLab provide a grade immediately after an assignment or test is completed. If you have a technical issue in the middle of an attempted test, a questions about a grade or a due date, or any other question related to the course you can expect an emailed response within 24 hours of your communication.

Other Course Policies:
If the TSI Assessment is retaken before the student completes a developmental course, the resulting score will determine placement in subsequent courses. It is the student's responsibility to take the score to the instructor of the class. That instructor will give the student a grade of CR on the final grade sheet, and the student will no longer be required to attend that class for the rest of the semester.

NTCC Academic Honesty Statement:
"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."

Academic Ethics
The college expects all students to engage in academic pursuits in a manner that is beyond reproach. Students are expected to maintain complete honesty and integrity in their academic pursuit. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. Refer to the student handbook for more information on this subject.

ADA Statement:
It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with 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 arrange an appointment with a College counselor to obtain a Request for Accommodations form. For more information, please refer to the NTCC Catalog or Student Handbook.

Family Educational Rights And Privacy Act (**Ferpa**):
The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education

institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.