Foundations of College Algebra - Math 0114.088
Course Syllabus: Fall 2020

"Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed."

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Online
	Online 4:30-5:30 pm	Online 4:30-5:30 pm	Online 4:30-5:30 pm	Online 4:30-5:30 pm	Online 4:30-5:30 pm	4:30-5:30 pm

This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor/student responsibilities.

Information relative to the delivery of the content contained in this syllabus is subject to change. Should that happen, the student will be notified.

Course Description: This course is a learning support to develop the skills and understanding needed to be successful in college-level algebra. Topics include: the study of numeracy and the real number system, algebraic concepts, notation, and reasoning, quantitative relationships, mathematical models, and problem solving. Technology and communication will be embedded throughout the course. No college credit.

Prerequisite: Appropriate TSI score / TSI placement with multiple measures
Co-requisite: MATH 1314 College Algebra with TSI Placement.

Student Learning Outcomes:

Upon successful completion of this course, students will:

0114.1 Use appropriate symbolic notation and vocabulary to communicate, interpret, and explain mathematical concepts.

0114.2 Define, represent, and perform operations on real numbers, applying numeric reasoning to investigate and describe quantitative relationships and solve real world problems in a variety of contexts.

0114.3 Use algebraic reasoning to solve problems that require ratios, rates, percentages, and proportions in a variety of contexts using multiple representations.

0114.4 Apply algebraic reasoning to manipulate expressions and equations to solve real world problems.

0114.5 Use graphs, tables, and technology to analyze, interpret, and compare data sets.

0114.6   Construct and use mathematical models in verbal, algebraic, graphical, and tabular form to solve problems from a variety of contexts and to make predictions and decisions.

Evaluation/Grading Policy:

Satisfactory (CR): MATH 1314 "C" or better
No Credit (NC):   MATH 1314 "F, W, or NC"

Assignments:
- All assignments will be found on MyMathLab (MML).
- Due dates for all assignments can be found on the calendar at the top of the MML course home page. You will need to scroll through the calendar to see all due dates. As a general rule, though, most assignments for Math 0114 will be will be due on Fridays by 11:59 p.m, and will be titled as *Prerequisite* Sec. 1.1, etc.
- Homework problems may be attempted multiple times. You may re-work the problem multiple times to learn the concept and get the problem correct. However, be aware that the computer will generate a new problem for each attempt.
- There are no make-up assignments. All assignments must be submitted by the deadline.

Required Instructional Materials:
In an effort to save students money, your course materials are delivered through Inclusive Access. You have already paid for your course materials with your tuition and fees. Below is the required course material:

0-321-19991-X PEARSON/DIGITAL TEXT W/MYMATHLAB

To access your course materials, click on the Course Materials Access link within the Start Here folder on Blackboard.
For additional information on Inclusive Access, please access the textbook information provided on the portal (student tab, click on Academics then Textbooks.)

Optional Instructional Materials:
Blitzer; *College Algebra*, 7th Edition
Printed textbook with MyMathLab access code

ISBN Number-978-0-13-446987-4 (Loose-leaf print upgrade)

Minimum Technology Requirements:
Graphing Calculator is required. TI-84 Plus is preferred, but other models may be approved by the instructor.

Required Computer Literacy Skills:
1) Communicate via NTCC email;
2) Saving and reloading saved files;
3) Navigate Blackboard to access posted materials and MyMathLab assignments.

Course Structure and Overview:
This is a 16-week online course where students are required to access graded activities on MyMathLab via the Blackboard Learning Management System. A typical week involves general participation by all students in discussion forums involving mathematical and statistical principles and the algorithms needed to apply these principles. Students are required to complete online homework. In addition, students are expected to watch instructional videos, read course textbook, and complete online assignments located in the Learning Management System, Blackboard, by due dates. To be successful, it is very important for students to keep up with course materials and assignments.

Communications:
Emails will normally be responded to within 24 hours during the week and 48 hours on the weekend. Students are expected to abide by Netiquette rules when communicating online. See this link for details: **www. https://coursedesign.colostate.edu/obj/corerulesnet.html.**

The college's official means of communication is via your campus email address. Your instructors will use your campus email, Blackboard, and MyMathLab to communicate with you outside of class. Make sure you keep your campus email cleaned out and below the limit so you can receive important messages.

Students are expected to check in to the class daily on Blackboard and MyMathLab to find the assignments and communications from the instructor. Students are also expected to check their email (NTCC email is required) daily in case there is a communication from the instructor that needs a timely response.

Institutional/Course Policy:
No late work will be accepted without prior approval by the instructor. It is the student's responsibility to check Blackboard and MyMathLab for important information/announcements regarding the course. Students should be working on course material via Blackboard/MyMathLab every week. Do not wait until the last minute to complete and submit assignments. Extensions will not be granted due to technology issues.

Alternate Operations During Campus Closure and/or Alternate Course Delivery Requirements:
In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Northeast Texas Community College to move to altered operations. During this time, Northeast Texas Community College may opt to continue delivery of instruction through methods that include, but are not limited to, online through the Blackboard Learning Management System, online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor NTCC's website (http://www.ntcc.edu/) for instructions about continuing courses remotely, Blackboard for each class for course-specific communication, and NTCC email for important general information.

Additionally, there may be instances where a course may not be able to be continued in the same delivery format as it originates (face-to-face, fully online, live remote, or hybrid). Should this be the case, every effort will be made to continue instruction in an alternative delivery format. Students will be informed of any changes of this nature through email messaging and/or the Blackboard course site.

NTCC Academic Honesty/Ethics Statement:
NTCC upholds the highest standards of academic integrity. The college expects all students to engage in their academic pursuits in an honest manner that is beyond reproach using their intellect and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. This course will follow the NTCC Academic Honesty and Academic Ethics policies stated in the Student Handbook. Refer to the student handbook for more information.

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 request accommodations. An appointment can be made with the Academic Advisor/Coordinator of Special Populations located in Student Services and can be reached at 903-434-8264. For more information and to obtain a copy of the Request for Accommodations, please refer to special population page on the NTCC website.

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.

Tentative Course Timeline
(*notes* 1. Instructor reserves the right to make adjustments to this timeline at any point in the term and 2. If this timeline differs from the MyMathLab calendar, MML will be the official date):

Course Schedule: (Subject to Change)

Weeks	Topics	Assignments	Due Dates (Due by 11:59pm CST unless otherwise noted)
Week 1: 8/24/20-8/30-20	Ch. 1: Equations and Inequalities Sections 1.1 and 1.2	MyMathLab Orientation Assignment and Concept Mastery (2), Homework, and Quiz	8/28/20
Week 2: 8/31/20-9/6/20	Sections 1.4 and 1.5A	MML Concept Mastery (2), Homework, and Quiz	9/4/20
Week 3: 9/7/20-9/13/20	Sections 1.5B and 1.6A	MML Concept Mastery (2), Homework, and Quiz	9/11/20
Week 4: 9/14/20-9/20/20	Sections 1.6B and 1.7	MML Concept Mastery (2), Homework, and Quiz	9/18/20
Week 5: 9/21/20-9/27/20	Sections 1.1, 1.2, 1.4, 1.5, 1.6, 1.7	Ch. 1 Review	9/25/20
Week 6: 9/28/20-10/4/20	Ch. 2: Functions & Graphs Sections 2.1, 2.2	Ch. 1 Test MML Concept Mastery (2), Homework, and Quiz	9/28/20 10/2/20
Week 7: 10/5/20-10/11/20	Sections 2.3, 2.4, 2.5	MML Concept Mastery (3), Homework, and Quiz	10/9/20
Week 8: 10/12/20-10/18/20	Sections 2.6, 2.7, 2.8	MML Concept Mastery (3), Homework, and Quiz	10/16/20

Week 9: 10/19/20-10/25/20	2.1 – 2.8	Ch. 2 Review	10/23/20
Week 10: 10/26/20-11/1/20	Ch. 3: Polynomial and Rational Functions Sections 3.1, 3.2, 3.3	Ch. 2 Test (Proctored) MML Concept Mastery (3), Homework, and Quiz	10/26/20 10/30/20

Week 11: 11/2/20-11/8/20	Sections 3.4, 3.5	MML Concept Mastery (2), Homework, and Quiz Ch. 3 Review	11/6/20
Week 12: 11/9/20-11/15/20		Ch. 3 Test	11/9/20
	Ch. 5: Systems of Equations & Inequalities Sections 5.1, 5.2	MML Concept Mastery (2), Homework, and Quiz	11/13/20
	Ch. 6: Matrices & Determinants Sections 6.1, 6.3	MML Concept Mastery (2), Homework, and Quiz	11/13/20
Week 13: 11/16/20-11/22/20	Ch. 4: Exponential & Logarithmic Functions Sections 4.1, 4.2	MML Concept Mastery (2), Homework, and Quiz	11/20/20
Week 14: 11/23/20-11/29/20	Ch. 4 Sections 4.1, 4.2 Ch. 5 Sections 5.1, 5.2 Ch. 6 Sections 6.1, 6.3	Ch. 4-6 Review and	11/29/20
		Ch. 4-6 Test (Proctored)	11/30/20
Week 15: 11/30/20-12/6/20	Cumulative Final Exam Review	Final Exam Review	12/4/20
Week 16: 12/7/20-12/9/20	Cumulative Final Exam	Final Exam	12/9/20