MATH 0305 002   Intermediate Algebra

Course Syllabus: Spring 2018

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OFFICE HOURS	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Online**
	8:30-9:20, 11:00-12:20; 2:30-4:30	9:30-10:50; 2:30-4:30	8:30-9:20, 11:00-12:20; 2:30-4:30	9:30-10:50; 2:30-4:30	As needed	As needed

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: Intermediate algebra is designed to develop the skills and understanding contained in the second year of secondary school algebra. Topics include the properties of the real number system, operations on polynomials, special products, factor patterns, radicals, rational exponents, solutions of linear, quadratic, systems of equations, inequalities, coordinate systems, and graphing. Three hours of class each week. No college credit. Prerequisite: MATH 0303 or its equivalent.

Required Textbook(s):
No textbook is required; however, you must purchase a MyMathLab access code if you do not already have one.

Publisher: Pearson

ISBN Number: NA

Student Learning Outcomes:
Upon the successful completion of this course, students will be able to:
1. Recognize, understand and analyze features of a function.
2. Recognize and use algebraic properties, concepts, procedures (including factoring), and algorithms to combine, transform, and evaluate polynomial expressions.
3. Identify and solve absolute value, polynomial, radical, and rational equations.
4. Identify and solve linear inequalities.
5. Model, interpret and justify mathematical ideas and concepts using multiple representations.
6. Connect and use multiple strands of mathematics in situations and problems, as well as in the study of other disciplines.

Lectures, Discussions and Assignments:
8.1   Solving Linear Equations and Inequalities in One Variable
8.3   Solving Absolute Value Equations
3.2   Graphing Linear Equations in Two Variables
3.3   The Slope of a Line
3.4   Slope-Intercept Form of a Linear Equation

Evaluation/Grading Policy:
Homework will be assigned every class period, and can be found online in MyMathLab and is expected to be completed before the next class period, even if absent. Most homework assignments will have a prerequisite, which must be completed with at least 70%. Before an exam can be taken, a chapter review must be completed at 80%. All exams, except the final, will be taken outside of class. The final exam will be taken in class on May 7th or 9th. If a test deadline is missed, a grade of zero will be posted. You may still take the exam by contacting the instructor; however, the zero will remain until the exam is taken. At the end of the semester, zeros will replace any exams or homework not attempted. This could seriously affect one's grade in the course.

Grading System:
Homework   25%
Chapter Exams   50%
Final Exam   25%

Tests/Exams: Chapter
8
Chapters 3 and 4 Chapter
6
Chapters 6 and 7
Final Exam

Other Course Requirements:
Having access to a computer outside of class is critical. Homework is only submitted online and all exams except the final will be taken outside of class. On campus there are computers available for student use in the Learning Commons (formerly, library). Computers are also available at the Hansen-Sewell Center in Pittsburg, the Naples/Omaha Education Center in Naples and public libraries. Call first to check for hours of operation. Students are expected to complete the homework assignments whether in class or not.

Student Responsibilities/Expectations:
APPROPRIATE CLASSROOM BEHAVIOR
Students are expected to conduct themselves in a mature and respectful manner toward the instructor as well as other students. An orderly and cooperative classroom environment is essential for optimum learning to take place. In order to maintain an environment in which learning can take place the following behaviors are expected to be observed: •   Turn off cell phones or set them on silent.
•   Pay attention during instruction. You should not be working on homework, texting, or social networking during instruction. These are three of my pet peeves.
•   Out of respect for the instructor and others in the class, avoid side conversations during instruction.
•   Above all, be respectful to each other and practice the "Golden Rule."

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 or a letter grade 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 request accommodations. An appointment can be made with Shannin Garrett, Academic Advisor/Coordinator of Special Populations located in the College Connection. She can be reached at 903-434-8218. For more information and to obtain a copy of the Request for Accommodations, please refer to the NTCC website - Special Populations

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.