MA 110 Intermediate Algebra

Instructor and Class Information

Instructor Name: Amber Cox
Email: acox@ncktcc.edu
Phone: 7855236153
Office Location: BOC/A class
Additional Information: The above phone number is a landline. You cannot text this phone and have me receive that message. The best way by far to get a hold of me is by email. I attempt to get a reply to you within 24 hours unless it is the weekend.

Course Information

Course Number: 110
Course Title: Intermediate Algebra
Course Description: The concepts of fundamental operations with real and imaginary numbers, symbolism used in Algebra, solving and graphing equations, and applications of these concepts to word problems will be developed. The course is designed for students who have only one year of high school algebra, are inadequately prepared for College Algebra, or score in the prescribed range on the placement exam. Topics covered include number systems, linear equations and equalities, polynomials, exponents, rational expressions, and quadratic equations.

Total Credits: 3.00

Pre/Corequisites

Prerequisite: Acceptable ACT score, Compass score, or Grade of C or higher in Algebra II

Learner Supplies

Calculator (Should be scientific or graphing)
Access to Enhanced WebAssign (comes with the book if purchased together)

Course Competencies

1. Simplify real numbers and algebraic expressions.
2. Use algebraic equations and inequalities to solve application problems.
3. Sketch graphs of equations and inequalities in the coordinate plane.
4. Solve systems of equations and inequalities.
5. Simplify and evaluate polynomial expressions.
6. Solve equations of higher degrees using factoring and the quadratic formula.
7. Perform basic operations with rational expressions.
Course Grading Information

90-100% A
80-89% B
70-79% C
60-69% D
Below 60% F

Instructor Grading Information

Grades will be awarded on a total point basis.
Chapter assignments worth 50-70 points each
4 unit exams (100 points each)
Final Exam (200 points)

NCKTC Services for Students with Disabilities

Students, with either a permanent or temporary disability, who require accommodation for more than one week should request services by contacting the Student Services Office. Students requesting accommodations must present written documentation from a certified professional, which should include a statement identifying the disability as well as recommendations for accommodations. Contact, at least one month in advance, the Dean of Student Services (785) 738-2276 to make requests for accommodations.

NCKTC Policy Regarding Academic Dishonesty

Academic dishonesty of any kind will not be tolerated while attending North Central Kansas Technical College. Examples of Academic Dishonesty include but are not limited to:
Plagiarism: i.e. taking someone else’s intellectual work and presenting it as one’s own. Each department sets standards of attribution. Faculty will include disciplinary or class-specific definitions in course syllabi.
Cheating is unacceptable in any form. Examples include consultation of books, library materials, notes or electronic devices during test without the instructor’s permission; use of crib sheets or hidden notes; intentional observation of another student’s test on paper or a computer screen; accessing another student’s electronic device and taking information from the device; receipt of a copy of an exam or questions or answers from an exam to be given or in progress; submission of falsified data; alteration of exams or other academic exercises; and collaboration on projects where collaboration is forbidden.
Falsification, forgery or alteration of any document pertaining to assignments and examinations, Students who participate in or assist with cheating or plagiarism will also be in violation of this policy. Any student who participates in any form of academic dishonesty must accept the consequences of their actions. These consequences may include but are not limited to the following (a) verbal or written warning, (b) lowering of grade for assignment/activity, (c) failure of class assignment or an

How to Get the Most From this Learning Experience

• Take charge of your own learning. Raise questions, probe, explore, go after what you need.
• Be open. Use your imagination, consider new possibilities, and create something new for yourself.
• Give as well as receive. Give liberally to co-learners and be prepared to receive a great deal from them.
• Have fun. Plan to thoroughly enjoy this opportunity to learn and to grow in your professional community.
NCK Tech Non-Discrimination

Discrimination against any individual on the basis of race, color, gender, ethnic or national origin, sex, sex
gender identity, marital status, ancestry, disability, age, military status, veteran status or religion in the
site, or treatment or employment in the college's programs and activities is prohibited. Harassment of an
these grounds is also prohibited.

The Dean of Student Services, P.O. Box 507, Beloit, KS 67420 has been designated to coordinate compliant
non-discrimination requirements contained in Title VII of the Civil Rights Act of 1964, Title VII of the Civil R
Title IX of the Education Amendments of 1972.

The Dean of Instructional Services, P.O. Box 507, Beloit, KS 67420 has been designated to coordinate com
non-discrimination requirements contained in Section 504 of the Rehabilitation Act of 1973, and The Am
Disabilities Act of 1990. Information concerning the provisions of these Acts, and the rights provided the
the compliance coordinator.

Mutual Respect

The Basic Algebra Class is designed for collaboration rather than competition. That means that each mem
supports the others in their efforts to succeed. Be sure to come to each class prepared to:
1. Listen with respect.
2. Speak with respect.
3. Contribute actively to the work of your team.

NCK Tech Modify the Syllabus

The instructor reserves the right to modify the syllabus during the semester. Students will be given adv
change would occur.

Guidelines for Student Success

Assignment Policy

You are permitted and encouraged to use a calculator in this class. It does not have to be an expensive calculator (scientif
for this class. Even if you use a calculator, you are still responsible to show your work as above indicates. This means that
whatever numbers you punch into the calculator, you must write down on the paper with the operation between them o
will not be given credit for the problem.

· No late assignments accepted after due date.

Class Work Completion

Your classwork is to be your own. There is to be no working together, no copying answers, and no asking someone else fo
answers. If you are needing assistance, please ask me and I will assist you or get you into contact with someone that can
successfully assist you. Copying answers from someone will not help you understand the content and will essentially n
you to be successful in the class.

Class Importance:

1. If you have questions, ask me! Do not think that you are the only one with the question because chances are
you are not! It is always okay to make mistakes in this class! I will, you will, the other classmates will. Please
welcome this and learn from them.

2. If you need a tutor, do not wait to ask!!! It is always better to start earlier than too late! Math is a subje
lessons build on top of each other and if you do not get one piece you will likely struggle with the
next. I also provide tutoring for you on a weekly basis. If you are struggling, please make it a point to
come to this tutoring session. Know I am here to help you. I want you to be successful. I also spend a lo
of my free time helping students individually if that is needed. I can also help you find someone that i
able to assist you in your class if needed. I can at least point you in the right direction. I will work with you
if you will work with me.
3. Do not wait to do your work until the last day. There are times that technical issues occur so if you
do not wait, then you will have a chance to get things completed. Your assignment will disappear on
WebAssign after it is due. If you start late, then it will disappear on you. Prepare to get the
assignment completed at a reasonable time.

4. If you are taking an online class, it is an assumption that you are able to teach yourself and work at
your pace to get things completed. If that is not the case, you should be in a face to face to class.

FOR SUCCESS- In this class, it is important that you spend time doing the homework, reading the text, and practicing the problems. You will succeed if that happens. A good rule of thumb, put in twice as many hours studying as the class is worth in hours. (For instance, this class is 3 hours, so it will probably take you 6 hours (plus those three) to get the content learned and homework finished.)