

Course Title and Number: MATH 110 COLLEGE ALGEBRA

Department: MATHEMATICAL SCIENCES

Semester Hours: 3

Course Description: Algebraic and exponential functions, basic linear algebra. Requires skills and knowledge of intermediate algebra and plane geometry.

Credit: Three semester hours. Does not count for credit toward the major or minor in mathematical sciences. Not open for credit to students having credit in Math 155 or MATH 211 or MATH 229. Not used in major or minor GPA calculation for mathematical sciences majors or minors.

Prerequisites: KCMA 098 with a grade of C or better, or MATH 109 with a grade of C or better, or previous credit in MATH110, or satisfactory performance on the Mathematics Placement Examination.

Course Objectives: This course is designed to provide students with fundamental knowledge of algebra, such as linear equations, circles, quadratics, inequalities, polynomials, exponential and logarithmic functions in preparation for Math 155 (and later, Math 229), Math 206, Math 210, and Math 211. Students will develop mathematical reasoning and an ability to solve problems.

Course Design: Class meets once a week for fifty minutes at the schedule time. Students are required to spend a minimum of three flexible hours each week in the NIU Math Lab in Graham Hall 235.

Text: Algebra & Trigonometry Guided Notebook by Trigsted; 3rd edition (Pearson, 2015). **NOTE:** you must have an access code for MyMathLab and you must register for MyMathLab by September 16th.

Calculators: A scientific, non-graphing, non-texting calculator is permitted and recommended for the Final Exam only. All other calculators are not allowed. It is the student's responsibility to supply an appropriate calculator. The TI-30XIIS (solar) or the TI-30XIIB (battery) is preferred. Calculators with symbolic notation or natural display capabilities, such as the TI-36XPro and any of the TI Multiview series, Casio Natural Display series or ClassWiz series, HP SmartCalc series and Sharp WriteView series are NOT allowed. Calculators are not allowed to be used in the Math Lab. The scientific calculator will be available on the computer and on MyMathLab.

Academic Misconduct: Academic honesty and mutual respect (student with student and instructor with student) are expected in this course. Mutual respect means being on time for class and not leaving early, being prepared to give full attention to class work, not reading newspapers or other material in class, not using cell phones, pagers or laptops during class time, and not looking at another student's work during exams or quizzes. The use of third party websites to complete work is academic misconduct. Academic misconduct, as defined by the Student Code of Conduct, will not be treated lightly.

Accessibility Statement: If you need an accommodation for this class, please contact the Disability Resource Center as soon as possible. The DRC coordinates accommodations for students with

disabilities. It is located on the 4th floor of the Health Services Building, and can be reached at 815-753-1303 (V) or drc@niu.edu. Also, please contact me privately as soon as possible so we can discuss your accommodations. The sooner you let us know your needs, the sooner we can assist you in achieving your learning goals in this course.

Preferred Gender Pronoun Statement: This course affirms people of all gender expressions and gender identities. If you prefer to be called a different name than what is on the class roster, please let me know. Please also inform me and feel free to correct me and your classmates on your preferred gender pronouns. If you have any questions or concerns, please do not hesitate to speak with me in person, or email me. The Gender and Sexuality Resource Center also has a webpage designed to help support people of all genders as they navigate NIU's system: <http://niu.edu/gsrc/audience/trans.shtml>.

Student Sexual Misconduct Policy: Title IX prohibits sex discrimination to include sexual misconduct: harassment, domestic and dating violence, sexual assault, and stalking. If you or someone you know has been harassed or assaulted, you can receive confidential support and advocacy at the Counseling & Consultation Service's Advocacy Services, which can be contacted at 815-753-1206, or in Campus Life Building – room 200. Alleged violations can be reported non-confidentially to the Affirmative Action & Equity Compliance Office in Lowden Hall – room 101, at 815-753-1118, or online at <http://www.niu.edu/sexualmisconduct/help/form.shtml>. Reports to law enforcement can be made to NIU Police & Public Safety at 815-753-1212. For an emergency, call 911. For more information about Sexual Misconduct Prevention & Resources, visit <http://niu.edu/sexualmisconduct/index.shtml>. Note: As an instructor, one of my responsibilities is to help create a safe learning environment on our campus. I also have a mandatory reporting responsibility related to my role as an instructor and a faculty advisor to a student organization. I am required to share information regarding sexual misconduct or information about a crime that may have occurred on NIU's campus with the University. Students may speak to someone confidentially by contacting Counseling & Consultation Service's Advocacy Services at 815 – 753 – 1206, or in Campus life Building – room 200.