Midland College Syllabus
2018 - 2019
NCBM 0111
Math0481 Co-Requisite
Non-Course Math Level 1

Instructor Information:
Instructor: Click here to enter text. Office: Click here to enter text.
Phone: Click here to enter text. Email: Click here to enter text.
Office Hours: Click here to enter text.

Notice: Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity may be reported as never attended and dropped from the course.

Course Description:
This course is designed to develop and review the arithmetic skills of students. The topics to be covered include: properties of numbers, including addition, subtraction, multiplication, and division of whole, signed and fractional numbers; decimals, ratios and proportion, percentages; basic geometry, formulas, and measurement; and solving equations.

Text, References and Supplies:
Faculty created course materials purchased in the bookstore for a small fee.

Student Learning Outcomes:
After successful completion of this course students will be able to:
• Use the language of mathematics
• Perform basic arithmetic operations involving whole numbers, fractions, decimals, percentages, and integers
• Simplify/Evaluate arithmetic expressions involving whole numbers, fractions, decimals, percentages, and integers
• Use basic geometric formulas
• Solve equations
• Create mathematical models

Student Contributions, Responsibilities and Class Policies:
Students are expected to arrive punctually and participate in class. Students should behave in an appropriate manner so as not to interfere with learning. (Determined by the instructor) Cell Phones and pagers should be silenced and put away throughout class time. DO NOT leave them out on your desk. If an emergency is anticipated, please let me know before class. Students should NOT leave class to take phone calls and texts. Students will have cell phones taken up or asked to leave class if inappropriate behavior continues.

Use of calculators is not permitted in this course.
**Attendance Policy:**
It is the responsibility of the students to know the policies and procedures associated with absences. These policies are set by instructors. Excused absences may include, but are not limited to, illness, severe weather, and death in the family. Instructors will determine whether or not an absence is excused. Please visit the Midland College Catalog

**Withdrawal Policy:**
Students who have enrolled in a Texas public institution of higher education as a first-time freshman in fall 2007 or later are permitted to drop no more than six courses during the entire undergraduate career. This limit includes all transfer work taken at a Texas institution of higher education and to second baccalaureate degrees. This statute was enacted by the State of Texas in spring 2007 (Texas Education Code 51.907). Any course that a student drops after Census Day is counted toward the six-course limit if “(1) the student was able to drop the course without receiving a grade or incurring an academic penalty; (2) the student’s transcript indicates or will indicate that the student was enrolled in the course; and (3) the student is not dropping the course in order to withdraw from the institution.” Please visit the Midland College Catalog

**Scholastic Dishonesty:**
Midland College does not tolerate scholastic dishonesty or academic misconduct in any form. Please read the MC Student Handbook on this subject. Please visit the Midland College Catalog

**Evaluation of Students:**
This course is a 16-week support course co-requisite to the non-STEM developmental MATH0481 (Math for Quantitative Reasoning and Statistics) for students scoring below 337 on the TSI. It includes materials that will be taught prior to beginning the MATH0481 as well as just in time teaching throughout the semester.

**Intellectual Competencies:**
1. **Reading** - Understanding the material incorporated in the text used in this course will require the student to analyze and interpret various mathematical concepts.
2. **Listening** - The primary teaching methods used in this course are discussion and lecture. Understanding the oral presentation of material will require the student to analyze and interpret various mathematical concepts.
3. **Critical Thinking** - Critical thinking, as exemplified by problem solving, is inherent in the study of any scientific discipline. Mathematical problems will be considered, discussed, and analyzed in this course.

**Course Schedule:**
This course will cover the curriculum created by faculty and should be purchased in the bookstore.
Course of Study:

Lesson 1  Operations on Whole Numbers and Decimals  
Lesson 2  Place Value  
Lesson 3  Rounding and Estimating Numbers  
Lesson 4  Multiplying and Dividing by Powers of Ten  
Lesson 5  Scientific Notation  
Lesson 6  Integer Adding  
Lesson 7  Integer Subtraction and Review  
Lesson 8  Integer Multiplication and Division  
Lesson 9  Translating Words to Expressions  
Lesson 10  Solving Equations  
Lesson 11  Simplifying Fractions  
Lesson 12  Addition and Subtraction of Fractions  
Lesson 13  Multiplication and Division of Fractions  
Lesson 14  Evaluating Fractions  
Lesson 15  Solving Fraction and Decimal Equations  
Lesson 16  Converting Fractions, Decimal and Percents  
Lesson 17  Finding Common Percents of Numbers  
Lesson 18  Percent Equations  
Lesson 19  Proportions  
Lesson 20  Perimeter/Area/Circumference  
Lesson 21  Plotting Ordered Pairs

ADA Statement:
Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies:

Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. For further information on notice of non-discrimination, visit http://wdcrrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm or call 1 (800) 421-3481.

Spanish
Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias: **Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu.** Para más información sobre estas políticas no discriminatorias, visite [http://wdcroblobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm](http://wdcroblobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm) o llame al 1 (800) 421-3481.

**Math/Science Division Information:**
Division Dean: Dr. Margaret Wade 125 AHSF 432-685-4615
Dept. Chair: Mrs. Gena Nicholson 119 MHAB 432-685-6803
Division Secretary: Ms. Sarah Anderson 124 AHSF 432-685-6896
Division Clerk:

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