The University of South Dakota
Math095 – Pre-College Algebra Online via D2L and MML
Spring 2018 Session

MATH 095  Pre-College Algebra - 3 Credit Hours
Time:  Monday, January 8, 2018 – Friday, May 4, 2018
Instructor:  Kristen Maxon
Email:  Kristen.Maxon@usd.edu
Phone:  (605)680-9689 – Cell (please call during regular business hours unless you are taking a test)
Online Meetings: by appointment

Introduction to Success in Mathematics at USD Math 095:

The purpose of this course is to help you develop the skills and understanding of basic mathematical concepts to move you towards graduation and completion of the required math sequence for your major.

Pathways to Success in looking towards your next Math course:

Math 102 College Algebra is designed for students pursuing B.S. degrees in Arts & Sciences, as well as the BBA degree in Business and the BSED degree in Education
Math 103 Quantitative Literacy designed for BA degree candidates in many of the Arts and Sciences and Fine Arts majors
Math 104 Finite Mathematics is designed as one option for students pursuing a B.S. degree in Arts & Sciences and for students interested in the Health Sciences.

The Math 095 course is organized to provide self-paced learning – the key is whether you have completed each of the assignments and demonstrated success on the quizzes and tests. Successful performance on quizzes (80%) and tests (80%) indicates you have the skills necessary to move to the next mathematics course and you are on your way to graduation.

You have access to the material on the first day based on registration and the course is designed to provide individual attention helping you master the current chapter (or module) and focused on assisting to success on the next module.

COURSE DESCRIPTION:

This course prepares students for college level mathematics. Topics include basic properties of real numbers, exponents & radicals, rectangular coordinate geometry, solutions to linear and quadratic equations, systems of equations, inequalities, polynomials, factoring, rational expressions and equations, radical expressions and equations, and an introduction to functions such as polynomial, exponential and logarithmic functions. Note: This is a remedial level course. No credit for MATH 095 will be granted for graduation.

IMPORTANT DATES:

- Wed, Jan 15:  Last day to add (or drop a class with a refund). If you do not have full MyMathLab access to MATH 095 Pre-College Algebra by 9 AM Wednesday, Jan. 15, you will be dropped from MATH 095.
- Mon, Apr 2:  Last day to drop a class with a “WD” (withdraw) on your transcript.
- Fri, Apr 27:  Last day of scheduled university classes for the semester and last day to complete any homework, quiz, Unit Practice Test, or Unit Post-Test attempt.
- Fri, May 4:  Last day of finals week. Last day for a Final Exam attempt; due by 5 PM CST.

COURSE STRUCTURE:

MATH 095 utilizes a student-centered approach to learning. This student-centered approach to learning provides flexibility in the pace at which students complete course content, allowing students to complete familiar material quickly so they can spend more time on topics that are more challenging for them. The content of this course is delivered by a Pearson product called MyMathLab (MML). MML contains eight units of coursework including
USD’s video lectures corresponding to MATH 095 Notebook Guide for student ease of note-taking and study, *MML* assessments with immediate feedback, and many other utilities to assist student learning.

Students are to demonstrate a specified level of mastery of the content of each *MML* assessment before being permitted to advance to the next *MML* assessment. This process ensures that students are prepared to succeed as they proceed through this course. Once you have mastered the content in one unit, you can immediately start the next unit which makes it possible for students to complete the course before the end of the semester.

**FIRST:** Watch, listen, and take notes on Lecture Videos (found in each MML Unit Material tab).
- **Fill in** appropriate portions of the Unit Notebook Guide and take effective notes.
- **Study** these notes and work toward understanding the math ideas. Practice by covering up the work and see if you can solve the examples without seeing the work from your notes.
- **If there is something you don’t understand in the notes, ask your instructor or seek assistance from the online Math 095 TA.**

**SECOND:** Complete the associated homework assignment with 90% or higher.
Study the math ideas, working toward understanding the material without relying on textbooks, notes, etc. Refer to your notes to find examples similar to your HW problem. If you need further clarification ask your instructor or seek assistance from a math helper in the Math Emporium.

**THIRD:** Complete associated proctored quiz with 80% or higher.
- **Unsuccessful after five quiz attempts?** Contact your instructor.

**FOURTH:** After completing the last HW in a unit, complete the Unit Practice Test earning 80% or higher.

<table>
<thead>
<tr>
<th>80% or higher on Post-Test</th>
<th>Complete the Unit Post-Test at the Testing Center</th>
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</thead>
<tbody>
<tr>
<td>80% or higher on Post-Test</td>
<td>Below 80% on Post-Test</td>
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<tr>
<td>80% or higher on Post-Test</td>
<td>Complete a 2nd attempt on the Unit Post-Test in the Testing Center</td>
</tr>
<tr>
<td>Move on to next unit</td>
<td>E-mail your instructor requesting directions for next steps; your instructor will inform you as to what steps are necessary for you to make a subsequent Unit Post-Test attempt.</td>
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**Electronic Devices:** A calculator with logarithms and exponents is necessary. A TI-89, TI-92, TI-NSpire type series calculators and other calculators that do symbolic manipulation are **not** allowed. Cell phones, pagers, or other electronic devices (such as ipods, ipads, or other devices) must **not** be used during class nor used in the Testing Center.

**Student ID:** At the USD Testing Center, you are required to use your Student ID and to display your Student ID when taking any proctored assessment. At other proctor locations, make sure to check their requirements ahead of time as to what they require for identification purposes.

**MML Assessments:** (See FAQ document within the *MML* Syllabus tab for more details and FAQ)
No credit is permitted for incorrect answers, including responses that are not simplified, or for typos within a *MML* answer box. Be sure to follow all directions in each *MML* exercise to avoid incorrect answer box entries.
COURSE REQUIREMENTS
Students are expected to read, understand, and abide by all policies and procedures provided in this syllabus. I cannot be held responsible for misunderstandings due to you not reading the syllabus or other documents I have posted.

Textbook, Notebook Guide, and MyMathLab Access Bundle:
- Students are required to purchase a Pearson MyMathLab (MML) student access to use in MATH 095 Pre-College Algebra. This subscription includes an e-version of our textbook.
- If you do not have full MML access to MATH 095 Pre-College Algebra by 9 AM Wednesday, Jan. 15, you will be dropped from MATH 095.
- A student MML access code, printed Notebook Guides (for taking guided notes of lectures), and a loose-leaf physical copy of the textbook are available in a pre-packaged bundle available at USD’s bookstore.
- Returning USD students:
  - If you have a MML access first activated for MATH 095 from Summer 2017 or Fall 2017, then you have current MML access and do not need to purchase a new MML access code.
- MyMathLab access may be purchased from the book stores (ISBN 032119991X) or online at www.coursecompass.com and requires a high speed internet connection.
- If you are waiting for financial aid to purchase your subscription, you may begin the course work with a temporary account that is good for approximately 2 weeks.
- A document with detailed instructions regarding MML registration (including our MML Course ID) will be attached to the welcome email and posted on our D2L homepage.
- Those students who have completed units to be imported from Fall 2017 should inform me as soon as possible. I do not automatically check for this so nothing will be imported until you request me to do so via email. If you did not take Math 095 in the Fall 2017 semester, you cannot have previous units imported.
- The Student Support phone number for MyMathLab is 1-800-677-6337.

Textbook (Optional): A physical copy of our textbook is not required. If you prefer to purchase a physical copy, the text is Introductory and Intermediate Algebra for College Students, 4th Edition, Blitzer ISBN 0321758943 (or 9780321758941) (Text alone) Or ISBN 0321729382 (or 9780321729385) (Text and MyMathLab package for students who want both)

GENERAL INFORMATION about Assessments:
- There are no extensions of due dates on assessments, so please do not ask.
- No credit is permitted for incorrect answers, including responses that are not simplified, or for typos within a MML answer box so please do not ask.
- Plan to allow yourself sufficient time to complete a proctored assessment during the times at which the proctored site is available.
  - Each quiz attempt has a one hour time limit (quizzes do not need to be taken with a proctor)
  - Each Post-Test attempt has a 2.5 hour time limit.
  - Each Midterm Exam and Final Exam attempt has a 3.5 hour time limit.
- HW Unit Review assignments are not used in your course grade calculations.
- About proctored assessments (proctored assessments include Post-Tests, Midterm Exam, and the Final Exam):
  - Students are not allowed to use textbooks, notes, or other resources on any proctored assessment.
  - Cell phones are to be turned off and put away while completing any proctored assessment.
  - No assistance will be provided to you as you take any proctored assessment, so please do not ask.
  - Proctored assessments are to be completed in one sitting.
  - If you do not complete the proctored assessment before the proctored site closes, you will have to submit what is done with incomplete work graded as zero points, perhaps resulting in you having to go through the retake process.
- Non-proctored assessments include homework, quizzes, and Practice Tests:
  - Non-proctored assessments are not required to be completed in one sitting.
- The pace of this course can be quite fast for some students. Although it varies per student, students should expect to invest a minimum of 9 hours per week studying and completing coursework to be successful.
Nonproctored Assessments (Homework, Quizzes, Practice Tests, Practice Midterm, Practice Final)

**Homework Assignments:**
- **Homework** problems are designed so students have unlimited attempts, making it possible for every student to earn 90% or higher. To improve your homework score, you only need to redo the homework problems which were done incorrectly.
- **You may reenter a homework assignment after its due date to improve your score, but a homework assignment submitted after the due date will have a late submission penalty of 3% applied.**
- Earn 90% or more on your MML homework to access any subsequent homework assignment and corresponding MML quiz.
- After three incorrect attempts at a problem, you may click on the “Similar Exercise” button to get a new version of that problem which you can solve to receive credit.

**Quizzes:**
- Complete quizzes in one sitting. Complete the quizzes as “mini” tests without access to notes or additional resources, and view them as a tool to provide you with feedback to assess your understanding of the math ideas, notation, and to use as preparation for tests. There is a 60 minute time limit on each quiz and it will use the Pearson Lockdown Browser.
- There is NO late penalty on quizzes taken after the due date.
- Students are allowed an unlimited number of attempts on the quizzes to earn **80% or better** and the student’s highest quiz score attempt is used in grade calculations. (MyMathLab will lock you out after 5 attempts. This is so you make sure to contact me about any questions you have before you take the quiz again. I will then give you access to more quiz attempts.)
- Quizzes are **not** permitted during Finals Week.

**Practice Tests/Practice Midterm/Practice Final Exam:**
- These assessments are intended to give feedback on what you have learned and what you need to review/study to help you prepare for the associated Unit Post-Test or Midterm/Final Exam.
- Students are to earn 80% or higher on a Unit Practice Test and **70% or higher** on Practice Midterm/Practice Final Exam. Students who do not earn 80% or higher on a Unit Practice Test and **70% or higher** on Practice Midterm/Practice Final Exam must retake the entire practice assessment. Students are allowed an unlimited number of practice assessments.
- Practice Test/Practice Midterm/Practice Final Exam scores are **not** used in your course grade calculation.
- It is **not** a good idea to use formulas, notes, or resources while taking a Practice Test, because these things are a “crutch” that you won’t have while taking a Post-Test.

**Proctored Assessments:**
Proctored MML assessments include Post-Tests and Midterm/Final Exam. Each proctored assessment is to be completed in one sitting (cannot exit and resume later). Students are allowed more than one attempt on proctored assessments. It is vital that you study appropriately and ask questions on material you have questions about between attempts. Your instructor is available to guide you in your understanding. Given the student-oriented nature of this course, it is beneficial for you to ask questions about what you don’t understand.

**Post-Tests:**
- Complete proctored Post-Tests in one sitting within a Testing Center or your university approved proctor.
- After earning a **score of 80% or better** on a Unit Post-Test, the student moves on to the next unit.
- Each Post-Test attempt has a 2.5 hour time limit.
- There is NO late penalty on post-tests taken after the due date.

**Although you will be allowed unlimited attempts to get at least an 80% on exams, only 1 attempt will be open at a time. If you do not get the minimum score on an attempt, you must first complete the Homework Review until you get a score of 100%, which will automatically open a second attempt. If you do not pass the second attempt, you must retake the practice test until you get at least 80%, then contact me to open another attempt for you.**
If you do not pass on your first attempt, it will be beneficial to you to review your submitted exam after it is graded. To do this, click on the “Gradebook” link in the left column, scroll to find the appropriate assignment, and click to link to “Review”.

Because this is an online course, I appreciate you planning ahead on retakes. Please give me at least 24 hours to open another attempt and do not ask to have another attempt opened until you have retaken the practice test and achieved the required score on it.

Post-Tests are **not** permitted during Finals Week.

**Midterm Exam and Final Exam:**

- Complete the proctored comprehensive Midterm Exam or Final Exam in one sitting within a Testing Center or your university approved proctor.

- The Midterm Exam and Final Exam attempt each have a 3.5 hour time limit.

- **A minimum required score of 70% is necessary for the Midterm (covers material from units 1 – 4).**
  - Students who earn 80% or better on the unit 4 Post-Test by Friday, April 27th are Midterm eligible.
  - Midterm eligible students must first pass the Practice Midterm Exam with at least a 70% before the actual Midterm Exam will open. This is allowed during Finals Week.
  - If you do not pass the Midterm Exam on your first attempt, you must complete the Midterm Review HW assignment with at least a 90% to open your second attempt at the Midterm Exam.
  - Midterm eligible students are allowed a **maximum of three (3) attempts on the Midterm** by 5 PM, Friday, May 4th. If you do not receive a 70% on the Midterm in your three attempts, you will start over at the beginning of Unit 1.
  - Midterm eligible students who do **not** make a Midterm attempt or have taken it less than the maximum attempts without receiving 70% or higher by 5 PM, Friday, May 4th will fail the course and will have to start over from the beginning of Unit 1 after enrolling in the course in the next semester.
  - Midterm eligible students who **do** make a Midterm attempt and pass, but not until Finals Week, will still fail the course, but will be able to start in Unit 5 after enrolling in the course in the next semester.
  - Students will **not** be allowed to attempt the Midterm after 5 PM, Friday, May 4th, but the Midterm exam is allowed during Finals Week.

- **A minimum required score of 70% is necessary for the Final Exam (covers material from units 5 – 8).**
  - Students who earn 80% or better on the Unit 8 Post-Test by Friday, April 27th are Final Exam eligible.
  - Final Exam eligible students must first pass the Practice Final Exam with at least a 70% before the actual Final Exam will open. This is allowed during Finals Week.
  - If you do not pass the Final Exam on your first attempt, you must complete the Final Review HW assignment with at least a 90% to open your second attempt at the Final Exam.
  - Final Exam eligible students are allowed a **maximum of three (3) attempts on the Final Exam** by 5 PM on Friday, May 4th.
  - Final Exam eligible students who do not make a Final Exam attempt or have taken it less than the maximum attempts without receiving 70% or higher by 5 PM, Friday, May 4th will fail the course and will have to start over from the beginning of Unit 5 after enrolling in the course in the next semester.
  - Students will **not** be allowed to attempt the Final Exam after 5 PM, Friday, May 4th, 2018.

- The final exam does NOT need to be taken during final exam week, so you may take it as soon as you have completed the coursework with the required minimum grades. In fact, I do **NOT** recommend waiting until final exam week to take the final exam if you have completed all work leading up to it.

**Taking a proctored assessment:**

Plan sufficient time to complete a proctored assessment during the times at which the proctored site is available. Each quiz consists of 10 questions and has a 1 hour limit; each Unit Post-Test consists of 20 questions and has a 2.5 hour limit; each Midterm/Final Exam consists of 45 questions and has a 3.5 hour limit.

**Then follow this proctored assessment process:**

- Complete rest room breaks, phone calls, text messages, etc. prior to starting a proctored assessment.
- Students may use an approved calculator (see “Electronic Devices” on this syllabus).
- Students are **not** allowed to use textbooks, notes, smart devices, or other resources while completing any proctored assessment.
Cell phones are to be turned off and put away while completing any proctored assessment.

No assistance will be provided to you as you take any proctored assessment.

Scratch paper will be provided to you.

Remember to complete the proctored assessment in one sitting (cannot exit and resume later), use the provided scratch paper to write your math work which can help you to avoid math errors, and check each MML answer box for any errors before clicking on Submit.

PROCTOR FORMS:
To clarify when students do and do not need to turn in a proctor form:

- Students living in Vermillion:
  - Must test at the Vermillion Testing Center
  - **Do not need to turn in a proctor form**
  - Must make an appointment at least one business day in advance

- Students testing at the Pierre, Rapid City, or Sioux Falls Testing Centers:
  - Do not need to turn in a proctor form but must email the USD Testing Center to let them know where you are testing

- Students testing anywhere else
  - Must turn in a proctor form at least one week before the exam opens

  The proctor form can be found on the homepage of D2L for this course, or at http://www.usd.edu/continuing-and-distance-education/upload/Proctor-Form.pdf. Please get your proctor form submitted before or during the FIRST WEEK OF CLASSES to avoid delays in taking post-tests.

- After verifying your proctor, the Continuing Education staff will email the exam information to your proctor.

- It is your responsibility to contact your proctor to set up an appointment for each exam, so please plan ahead for the exams.

- The office staff at the Continuing and Distance Education Office at USD is in charge of approving proctors, so the form must be sent to that office. I have nothing to do with proctors and am not able to approve a proctor or send out any information to your proctor. All questions regarding proctors must go through the CDE office.

Division of Continuing & Distance Education/Summer School
McKusick Room 211
University of South Dakota
414 E. Clark St. Vermillion SD 57069
Work Phone: 1-800-233-7937 Work Phone2: 605-677-6240
cde@usd.edu; www.usd.edu/cde

ATTENDANCE POLICY AND WEEKLY PARTICIPATION/ATTENDANCE POINTS

Attendance, on a weekly basis, consists of logging into MML and completing a minimum of 3 assignments completed each week (HW, Quiz, or Test). For those starting at the beginning of unit 1, students who are on schedule or who are ahead of schedule by the end of a given week automatically earn full points for this participation item. For those starting with previously imported units, this attendance policy requiring a minimum of 3 assignments completed per week will be enforced regardless if a student is ahead of the course schedule, so it is not in your best interest to take a week or more off! Note: In the event that a student finishes the course early, attendance points after this point will be omitted from the course grade.

An attendance violation is when a student, in a given week, does not complete a minimum of at least 3 assignments during that week (the week runs Monday - Sunday). After each attendance violation, an e-mail message regarding the attendance violation will be sent to the student informing him/her that the attendance policy has been violated. The email will include how many violations the student has. I send these from your MML account so be sure to check your email often!

Upon the fifth attendance violation, the student will be dropped from the course. An e-mail message will be sent to the student as notification of the attendance violation and the instructor initiated withdrawal from the course. Should the student’s fifth attendance violation occur after the last date to withdraw has passed, the student will receive an “RU” (failing grade) for the course. Students who have had five attendance violations
or have been dropped from the course will be designated as inactive students within *MyMathLab* and will **not** be permitted *MyMathLab* access to the Pre-College Algebra course.

Given the student-centered nature of this course, excessive lack of time put into the course and lack of course progress negatively impact learning and ultimately your success, not to mention loss of points which contributes up to 10% of your course grade. Students should avoid attendance violations and have no more than 6 total absences for such things as illness, funeral, family emergency, or other personal reasons. Excessive absences and/or nonparticipation is justification for being dropped from this course.

Any student who needs to be absent in a given week due to a University sponsored event as documented by a letter from a coach and/or advisor of a campus organization must confer with their instructor **before** their absence to make arrangements and to avoid attendance violations.

Weekly attendance points are earned for making weekly progress in completing coursework in MML and for keeping up with the course schedule. Every week, up to 10 points will be entered: up to 4 points for making progress and up to 6 for being on schedule with the course work. A rubric for the breakdown of these points will be posted in D2L and MML.

**GRADE CALCULATION:**
HW Unit Review assignments, Practice Tests, Practice Midterm, and Practice Final Exam attempts are **not** used in your course grade calculations. The student’s course grade will be calculated using the following:

<table>
<thead>
<tr>
<th>Category</th>
<th>Weight</th>
<th>Grading Scale</th>
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</thead>
<tbody>
<tr>
<td>Participation</td>
<td>10%</td>
<td>RS (pass) – 75% – 100%</td>
</tr>
<tr>
<td>Homework Assignments</td>
<td>10%</td>
<td><strong>AND 70% or higher scored on Final Exam</strong></td>
</tr>
<tr>
<td>Quizzes</td>
<td>30%</td>
<td>RU (fail) – under 75%</td>
</tr>
<tr>
<td>Post-Tests/Pre-Tests</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Midterm</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Final Exam</td>
<td>15%</td>
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**Note:** The percent grade shown in MML is your grade with a 0% in for any assignment you have not yet completed. It will be low until you get very close to the end of the course.

**Important information for those students who do not successfully complete MATH 095 this semester:**
- A successfully completed unit is one in which the Unit Post-Test (or Unit Pre-Test) has been completed successfully with 80% or better. Students who have not successfully completed Unit 8 can have their successfully completed units 1 – 7 imported to the subsequent Summer 2018 or Fall 2018 semester. To import your successfully completed units to the Summer 2018 or Fall 2018 MATH 095 course, you will need to register and pay for the course again.
- If you register for MATH 095 in the Spring 2019 semester or in a later semester, then **no** units will be imported and you will restart the course at unit 1.
- Students who successfully complete units 1 – 8 and register and pay for the course again, will restart the course at unit 5 to better their grade and understanding of course material. There will be no importing of grades for these students.

**CELL PHONE STATEMENT:** Cell phone use during proctored assessments (quizzes, post-tests, midterm exam, or final exam) is **NOT** permissible. If a cell phone is out, the default assumption is that it was intended for cheating purposes and the academic misconduct process will be initiated.

**LIVE ONLINE HELP SESSIONS**
Live online help sessions are available via Blackboard Collaborate. To attend a session you have set up with me or with classmates, log into D2L and enter our course. Use the top menu and click the “Communications” tab. Select “Collaborate” from the drop-down menu. This will open a window with a list of rooms. If you are meeting with me, click “join” by the active room with your name. If you are meeting with other students, use the link to the room I have set aside for that.
Blackboard Collaborate sessions are very valuable to anyone who may be in need of extra help in the course. You can either attend as an individual or with a group, but I want every student to be aware of this valuable resource in teaching online. You do not need to purchase any additional equipment, although headphones will make the session much easier for both of us, as will having a microphone equipped on your computer. It is much like being in a classroom with me, except you cannot see me. You will hear me talking, can either talk or type questions and answers to me, and you will see me writing on the whiteboard in the classroom, but we will both be “invisible”. No web cams will be used - just speakers/headphones, microphones, and a whiteboard. If you have a stylus and tablet computer, you are able to also write on the whiteboard. (A mouse can also be used for this but it is a bit more challenging;)

All students will have the option of recording tutoring sessions. To view recorded sessions, hover over your name in the D2L Collaborate window until you see the drop down arrow, then choose to “View Archives”. Anyone who is having trouble with the course (or anticipates having trouble) is encouraged to set up regular meetings with me to avoid falling behind schedule, but sessions can be set up at any point a student needs one.

**Expectations of Students:**
- Check D2L and email regularly for messages, assignments, etc.
- Use the discussion board to post questions on class content and procedures.
- Be prepared by keeping up with MYMATHLAB assignments and reviewing posted class notes.
- Take responsibility for one’s learning. If you need help, ASK! You will not be successful by avoiding the work and I can only help if you ask me 😊.
- Although it may vary from student-to-student, **expect to spend at least 9 hours per week** preparing for this class.
- Show enthusiasm and interest in the subject matter.
- Show respect for all others in the course.
- Use proper email and chat etiquette at all times.

**Expectations of the Instructor:**
- Show enthusiasm for teaching and mathematics.
- Encourage students to develop good study habits.
- Be available to answer student questions. You will be able to email me questions at any time.
- Prompt replies to emails (I will reply within 24 hours during weekdays and 48 hours during weekends).
- Sincerity, honesty, and fairness in all aspects of this course.

**COURSE GOALS**
This class fulfills the following Goals of the South Dakota System General Education Requirements:

**BOARD OF REGENTS GOAL #5: Students will understand and apply fundamental mathematical processes and reasoning.**
As a result of taking courses meeting this goal, the students will:

1. Use mathematical symbols and mathematical structure to model and solve real world problems.
   a) The student’s use of algebra and algebraic symbols to analyze, graph, and describe the properties and behaviors of relations and functions including linear, quadratic, rational, exponential, and logarithmic functions will be assessed using assignments, quizzes, exams, and a final exam.
   b) The student's use of algebraic concepts and methods to represent, simplify, and solve equalities, inequalities, and problem applications will be assessed using assignments, quizzes, exams, and a final exam.

2. Demonstrate appropriate communication skills related to mathematical terms and concepts.
   a) Communication skills will be assessed via written responses on assignments, quizzes, and exams.

3. Demonstrate the correct use of quantifiable measurements of real world situations.
   a) Correct units applicable to most story problems in the text that are similar to problems that arise in the real world and student understanding will be assessed using assignments, quizzes, exams, and a final exam.

**SLO(5.1)** As a result of taking this course students will be able to use mathematical symbols and mathematical structure to model and solve real world problems. The students’ ability to use algebra and algebraic symbols to represent, simplify, solve, analyze, graph, and describe the properties and behaviors of equations, inequalities, relations and functions and solving real world problems will be assessed using quizzes, exams, and final exam.

**SLO (5.2)** As a result of taking this course students will demonstrate appropriate communication skills related to mathematical terms and concepts. Communication skills will be assessed via written responses on quizzes and exams.
SLO (5.3) As a result of taking this course students will demonstrate the correct use of quantifiable measurements of real world situations. Correct units are applicable to most story problems in the text that are similar to problems that arise in the real world and student understanding will be assessed using quizzes, exams, and a final exam.

Pre-General Education Requirement: Board of Regents policy mandates that all students placed into a pre-general education course (Math 095 or Engl 032) must enroll in and successfully complete the course(s) within the first 30 credit hours attempted. If all pre-general education courses are not successfully completed within the first 42 credit hours attempted, the only course(s) in which a student may enroll are the pre-general education courses; and the student's status is changed from degree seeking to non-degree seeking [making the student ineligible for financial aid].

ACADEMIC INTEGRITY: The College of Arts and Sciences considers plagiarism, cheating, and other forms of academic dishonesty inimical to the objectives of higher education. The College supports the imposition of penalties on students who engage in academic dishonesty, as defined in the “Conduct” section of the University of South Dakota Student Handbook.

No credit can be given for a dishonest assignment. A student found to have engaged in any form of academic dishonesty may, at the discretion of the instructor, be:

a. Given a zero for that assignment.
b. Allowed to rewrite and resubmit the assignment for credit.
c. Assigned a reduced grade for the course.
d. Dropped from the course.
e. Failed in the course.

DISABILITY ACCOMMODATION:
Any student who feels s/he may need academic accommodations or access accommodations based on the impact of a documented disability should contact and register with Disability Services during the first week of class or as soon as possible after the diagnosis of a disability. Disability Services is the official office to assist students through the process of disability verification and coordination of appropriate and reasonable accommodations. Students currently registered with Disability Services must obtain a new accommodation memo each semester. Please note: if your home institution is not the University of South Dakota but one of the other South Dakota Board of Regents institutions (e.g., SDSU, SDSMT, BHSU, NSU, DSU), you should work with the disability services coordinator at your home institution.

Ernetta L. Fox, Director, Disability Services, Room 119 Service Center, (605) 677-6389
Web Site: www.usd.edu/ds E-mail: disabilityservices@usd.edu

DIVERSITY AND INCLUSIVE EXCELLENCE:
The University of South Dakota strives to foster a globally inclusive learning environment where opportunities are provided for diversity to be recognized and respected.

FREEDOM IN LEARNING:
Under Board of Regents and University policy student academic performance may be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards. Students should be free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion, but they are responsible for learning the content of any course of study for which they are enrolled. Students who believe that an academic evaluation reflects prejudiced or capricious consideration of student opinions or conduct unrelated to academic standards should contact the dean of the college that offers the class to initiate a review of the evaluation.

TENTATIVE SCHEDULE FOR MATH 095 Pre-College Algebra Course:
It is highly recommended that you keep up with the course schedule, submitting each assessment at least two days before it is due to avoid potential conflicts. There are no extensions of due dates on assessments. Students with imported units from Spring 2017 or Summer 2017 MATH 095 will be provided with a different schedule based on the unit that the student is starting in this semester.
Course Outline

There is no penalty for late quizzes or tests, but any homework not completed by these due dates will be docked a flat 3%. I will use this schedule as a basis of where you are on your course work for any deficiency reports submitted and for the weekly participation points, so print this out and/or transfer to your personal calendar.

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Homework, Quizzes, and Tests to be completed</th>
<th>Due Dates</th>
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<tbody>
<tr>
<td>1</td>
<td>Monday, Jan 8</td>
<td>Syllabus &amp; Intro Quiz – must get 100% to open up HW1</td>
<td>Thursday, January 11</td>
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<td></td>
<td>to Sunday, Jan 14</td>
<td>HW1 (Section 1.1 Intro to Algebra: Variables and Mathematical Models)</td>
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<td>HW2 (Section 1.2 Fractions in Algebra)</td>
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<td>HW3 (Section 1.3 The Real Numbers)</td>
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<td>Quiz 1 (Sections 1.1 - 1.3)</td>
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<td>HW4 (Section 1.4 Basic Rules of Algebra)</td>
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<td>HW5 (Section 1.8 Exponents and Order of Operations)</td>
<td>Sunday, January 14</td>
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<td>Unit 1 Practice Test</td>
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<td>2</td>
<td>Jan 15 to Jan 21</td>
<td>Unit 1 Post-Test (Must be proctored and must score at least 80%)</td>
<td>Tuesday, January 16</td>
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<td>HW6 (Sections 2.1 Add. Property – 2.2 Mult. Property)</td>
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<td>HW7 (Section 2.3 Solving Linear Equations)</td>
<td>Sunday, January 21</td>
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<td>HW8 (Section 2.4 Formulas and Percents)</td>
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<td>Quiz 2 (Sections 2.1 – 2.4)</td>
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<td>3</td>
<td>Jan 22 to Jan 28</td>
<td>HW9 (Section 2.5 Introduction to Problem Solving)</td>
<td>Sunday, January 28</td>
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<td>HW 10 (Section 2.6 Problem Solving in Geometry)</td>
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<td>HW11 (Section 2.7 Solving Linear Inequalities)</td>
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<td>Unit 2 Practice Test</td>
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<td>4</td>
<td>Jan 29 to Feb 4</td>
<td>Unit 2 Post-Test (Must be proctored and must score at least 80%)</td>
<td>Monday, Jan 29</td>
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<td>HW12 (Section 3.1 Graphing Linear Eq. in Two Variables)</td>
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<td>HW13 (Section 3.2 Graphing Linear Eq. Using Intercepts)</td>
<td>Thursday, February 1</td>
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<td>HW14 (Section 3.3 Slope)</td>
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<td>Quiz 3 (Sections 3.1 – 3.3)</td>
<td>Sunday, February 4</td>
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<td>HW15 (Section 3.4 Slope-Intercept Form of a Line)</td>
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<td>5</td>
<td>Feb 5 to Feb 11</td>
<td>HW16 (Section 3.5 Point-Slope Form of a Line)</td>
<td>Tuesday, February 6</td>
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<td>Unit 3 Practice Test</td>
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<td>Unit 3 Post-Test (Must be proctored and must score at least 80%)</td>
<td>Wednesday, Feb 7</td>
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<td>HW17 (Section 5.1 Adding and Subtracting Polynomials)</td>
<td>Sunday, February 11</td>
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<td>HW18 (Section 5.2 Multiplying Polynomials)</td>
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<td>Quiz 4 (Sections 5.1 – 5.3)</td>
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<td>6</td>
<td>Feb 12 to Feb 18</td>
<td>HW19 (Section 5.3 Special Products)</td>
<td>Tuesday, February 13</td>
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<td>HW20 (Section 5.4 Polynomials in Several Variables)</td>
<td>Saturday, Feb 17</td>
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<td>HW21 (Section 5.5 Dividing Polynomials)</td>
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<td>HW22 (Section 5.7 Neg Exponents and Scientific Notation)</td>
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<td>7</td>
<td>Feb 19 to Feb 25</td>
<td>Unit 4 Practice Test</td>
<td>Monday, February 19</td>
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<td>Unit 4 Post-Test (Must be proctored and must score at least 80%)</td>
<td>Tuesday, Feb 20</td>
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<td>Practice Midterm Exam</td>
<td>Thursday, Feb 22</td>
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<td>MIDTERM EXAM (cumulative – Units 1-4) (Must be proctored and must score at least 70%)</td>
<td>Friday, February 23</td>
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<tr>
<td>Date</td>
<td>Homework Assignments</td>
<td>Due Date</td>
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<td>Feb 26</td>
<td>HW23 (Section 6.1 GCF and Factoring by Grouping)</td>
<td>Wednesday, Feb 28</td>
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<tr>
<td>to March 4</td>
<td>HW24 (Sections 6.2 – 6.3 Factoring Trinomials)</td>
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<td>Quiz 5 (Sections 6.1 – 6.3)</td>
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<td>HW25 (Section 6.4 Factoring Special Forms)</td>
<td>Saturday, March 3</td>
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<td>HW26 (Section 6.6 Solving Quadratic Eq. by Factoring)</td>
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<td>March 5 – 11</td>
<td>Spring Break!</td>
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<td>No assignments but a GREAT time to get caught up if you are behind or to work ahead;)</td>
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<td>Mar. 12 to Mar. 18</td>
<td>Unit 5 Practice Test</td>
<td>Monday, March 12</td>
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<td><strong>Unit 5 Post-Test&lt;br&gt;(Must be proctored and must score at least 80%)</strong></td>
<td>Wednesday, Mar 14</td>
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<td>HW27 (Section 7.1 Rational Expr and Simplification)</td>
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<td>HW28 (Section 7.2 Mult and Div Rational Expressions)</td>
<td>Sunday, March 18</td>
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<td>Mar. 19 to Mar. 25</td>
<td>HW29 (Section 7.3 Add/Sub Rational Expr w/same denom)</td>
<td>Tuesday, March 20</td>
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<td><strong>Quiz 6 (Sections 7.1 – 7.3)</strong></td>
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<td>HW30 (Section 7.4 Add/Subtr Rt Expr w/ Diff denom)</td>
<td>Sunday, March 25</td>
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<td>HW31 (Section 7.5 Complex Rational Expressions)</td>
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<td>Mar. 26 to April 1</td>
<td>HW32 (Section 7.6 Solving Rational Equations)</td>
<td>Tuesday, March 27</td>
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<td>Unit 6 Practice Test</td>
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<td><strong>Unit 6 Post-Test&lt;br&gt;(Must be proctored and must score at least 80%)</strong></td>
<td>Wednesday, Mar 28</td>
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<td>HW33 (Section 8.1 Introduction to Functions)</td>
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<td></td>
<td>HW34 (Section 8.2 Graphs of Functions)</td>
<td>Sunday, April 1</td>
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<td><strong>Quiz 7 (Sections 8.1 - 8.2)</strong></td>
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<td>April 2 to April 8</td>
<td>HW35 (Section 9.2 Compound Inequalities)</td>
<td>Tuesday, April 3</td>
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<td>Unit 7 Practice Test</td>
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<td><strong>Unit 7 Post-Test&lt;br&gt;(Must be proctored and must score at least 80%)</strong></td>
<td>Thursday, April 5</td>
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<td>HW36 (Section 10.1 Radical Expressions and Functions)</td>
<td>Sunday, April 8</td>
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<td>April 9 to April 15</td>
<td>HW37 (Section 10.2 Rational Exponents)</td>
<td>Tuesday, April 10</td>
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<td>HW38 (Section 10.3 Mult and Simpl Radical Expressions)</td>
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<td><strong>Quiz 8 (Sections 10.1 – 10.3)</strong></td>
<td>Thursday, April 12</td>
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<td>HW39 (Section 10.4 Add, Subtr, and Div Radical Express)</td>
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<td>HW40 (Section 10.5 Mult and Rationalizing Denominators)</td>
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<td>April 16 to April 22</td>
<td>HW41 (Section 10.7 Complex Numbers)</td>
<td>Tuesday, April 17</td>
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<td>Unit 8 Practice Test</td>
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<td><strong>Unit 8 Post-Test&lt;br&gt;(Must be proctored and must score at least 80%)</strong></td>
<td>Friday, April 20</td>
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<td>April 23 to April 27</td>
<td>Use this week to catch up on course work if you are behind or review for the final exam. You may take the final early if you are ready! **Homework, quizzes, and unit Post-Tests for all eight units are to be successfully completed by Friday, April 28 in order to be eligible to take the final exam! **If you do not take and pass the Unit 8 post-test by April 27, you will not pass the course.</td>
<td>Friday, April 28</td>
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<td>Finals Week</td>
<td>Practice Final Exam</td>
<td>Friday, May 4 at 5:00 PM CT</td>
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<td>4/29 – 5/4</td>
<td><strong>Final Exam (Units 5 – 8)</strong> Students must earn at least 70% on the Final Exam to pass the course. Maximum of 3 attempts allowed on the final exam.</td>
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