**Syllabus:** Fundamentals of Math I  
**Course Number:** Math 1350

**Instructor Information**

Name: Jennifer Klar  
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**Textbook Information**

Fundamentals of Math I Cooperative Learning Packet

**Student Learning Outcomes for the Course**

1. Write descriptive and thorough mathematical explanations in clear, correct and coherent prose.

2. Communicate orally in clear, coherent and persuasive language.

3. Read, interpret and describe Texas Essential Knowledge and Skills (TEKS).

4. Describe/illustrate appropriate and effective uses of manipulatives in mathematical settings.

5. Describe problem solving process and solve problems using a variety of strategies.

6. Describe patterns in the real world and solve problems involving pattern recognition.

7. Apply deductive reasoning.

8. Apply basic concepts of set theory.

9. Recognize multiple models for representing basic mathematical operations.

10. Apply mental math techniques in problem solving situations.

11. Work fluently with place value situations including base ten and other base systems in concrete, pictorial and abstract settings.

12. Apply number theory concepts in problem solving situations.

13. Work fluently with concrete/pictorial representations of integers and apply integer concepts in problem solving situations.

14. Work fluently with concrete/pictorial representations of fractions, decimals, and percents and apply these concepts in problem solving situations.

**Student Requirements for Completion of the Course and Due Dates**

* There will be at least 5 major tests. The final will be the last major exam (not comprehensive). **Mastery indicated by a grade of 70 or higher is required on each unit test to receive credit for the course. Limit: 2 test attempts per unit. If at any time a student does not achieve mastery for a unit after two test attempts, then the student has two options: 1) drop from the course or 2) continue with the course but receive a grade of F.** Any unit test scored lower than 70 will require a retake of that unit test. Anyone may retake an exam to attempt to raise their grade. Once mastery has been achieved the actual grade recorded will be the average of the two test scores.
* Mastery means that there is no such thing as averaging out a high score on one topic with an unacceptably low score on another topic. Inevitably teachers will be called upon to work with topics within and even beyond their specific training. What is the professional teacher’s response? To say, “Sorry, I didn’t master that unit or we didn’t cover that, you will have to ask another teacher”?? Certainly not!! Because a teacher must be competent in all of the topics to be taught, each student must master each major content area with a grade of 70 or above on the exams.
* Tentative test dates will be given later. Some formulas provided by instructor on

tests. Some tests will be given in the testing center and some will be sent home to complete independently. The Testing Center policy on

cheating states that any student caught cheating in the testing center will be dropped from the course with an F. This policy is strictly adhered to – NO EXCEPTIONS.

**Student Assessment (state how you are going to determine their course grade)**

Chapter Tests Average – 50%

Project Average – 30%

Portfolio & In-Class Activity Average – 20%

**Grading Scale**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A** | 90-100 | **B** | 80-89 | **C** | 70-79 | **D** | 60-69 | **F** | 59-below |

**Class Schedule**

See separate Schedule.

**Attendance Policy**

Attendance, punctuality, and participation are very important. Three (3) tardies counts as one (1) absence. Arriving late (i.e. before the scheduled end of the period or dismissal by the instructor) or leaving class early counts as a tardy. If it is absolutely necessary for you to arrive late or leave early, please inform the instructor in advance and be careful to arrive and/or leave discreetly. Students may be dropped after 6 absences on MWF, and 4 absences on TTH in accordance with the college attendance policy.

**Make-up Policy**

* **Homework/Quiz/Journal/In-Class Activity Policies**: Homework assignments over the material covered in class are detailed in an assignment sheet and are the student’s responsibility to complete. Quizzes may be given occasionally over the homework material. Quizzes may not be made up. In-Class activities will be conducted on a regular basis for which students receive a participation grade. In-Class activities may not be made up. Calculators Allowed. (Strongly Recommended: TI73, 83, 83Plus, 84, 84Plus). If an assignment is late, it will automatically be dropped one letter grade.

**Academic Integrity Statement**

Scholastic dishonesty, involving but not limited to cheating on a test, plagiarism, col­lusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an “F”.

This policy applies campus wide, including TC Testing Center, as well as off-campus classroom or lab sites, including dual credit campuses. This information can be found in the Student Handbook at <https://texarkanacollege.edu>.

**Disability Act Statement:**

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Larry Andrews at 903.823.3283, or go by the Recruitment, Advisement, and Retention Department located in the Administration building for personal assistance.

If you have an accommodation letter from their office indicating that you have a disability which requires academic accommodations, please present it to me so we can discuss the accommodations that you might need for this class. *It is best to request these changes at the beginning if not before the start of class* so there is ample time to make the accommodations..

**Financial Aid:**

**Attention!** Dropping this class may affect your funding in a negative way! You could owe money to the college and/or federal government. Please check with the Financial Aid office before making a decision.

**Statement of Acknowledgement and Agreement**

I have read, understand, and agree to abide by the above course policies and requirements. In particular, I understand and agree to abide by the mastery requirements for the course. If I do not achieve the mastery requirements I will be dropped from the course or receive a grade of an F for the course. I am aware of and understand that the instructor reserves the right to modify the content of this course without prior notification.

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