

Modeling: Real Numbers and Statistics

MATH 3443

Instructor: Dr. Steven Wilkinson

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Text: none

Materials Needed: Three-ring binder and colored pencils (red, orange, yellow, green, blue, purple, brown, tan, light blue, pink, light green, black)

Course Prerequisite: MATH 1473 or MATH 1513

Course Description: A study of mathematical concepts for prospective elementary teachers using tactile models and appropriate technology. Topics include: rational numbers and their operations, integers and their operations, statistics, and probability. No major or minor credit in mathematics..

Course Design: There should be **five** tests scheduled during the semester. Each test will count 100 points. These tests will be of varying design with objective questions (multiple choice, true-false), short answer questions (listing, fill-in-the-blank), and some problems. There will also be a written final examination. This will be similar in nature to the tests given during the semester. It will count 200 points.

Grading Scale: There will be 700 possible points during the semester.

The grading scale will be as follows:

630 to 700 points = A
560 to 629 points = B
490 to 559 points = C
420 to 489 points = D
000 to 419 points = F

Test 1 = _____
Test 2 = _____
Test 3 = _____
Test 4 = _____
Test 5 = _____
Final = _____
Total = _____

Attendance and Makeup Policy: Regular attendance is required. This is required not only by the instructor, but also by the content and nature of the course material itself. Attendance will be checked each class meeting. **Tardiness will not be tolerated and no "tardies" will be recorded.** If the student does not answer roll that student is considered absent for that class period. The instructor reserves the right to lower the earned letter grade one level for every six hours of absences. If a student misses a test, the make-up test must be taken on the last day of the class prior to the final exam. No test grades will be dropped.

Assignments: There may be periodic assignments and/or handouts given for completion by the student. Generally these will be due the following class meeting. Additionally, at the discretion of the instructor, outside class assignments or group assignments may be given.

Class Interruptions: In order to maintain an atmosphere of learning, it is necessary to reduce class interruptions as much as possible. **Therefore, all cell phones brought into the classroom should be turned off.** If a student has the need to leave the room before the class is dismissed, that student should feel free to quietly and quickly leave the room. However, under no circumstances should any student attempt to re-enter the classroom until the class is dismissed.

Food and Drink: The consumption of food and drink during the class should be kept at a minimum. Each student is responsible for the appropriate disposal of the containers and wrappers used. Each student should also insure that the tables are clean and dry, thus making the room as acceptable as possible for the next class. It is inappropriate to use the shelves in the room for resting places for cups, cans, wrappers, or notebooks. If the table is too crowded to allow food and drink to be consumed during the class, the students should refrain from doing so. If questionable situations arise, err on the side of proper etiquette and consideration of others.

If any member of the class feels that he/she has a disability and needs special accommodations please advise the instructor of such disability at the first class attended.