Welcome to Fundamentals of Elementary Mathematics III!

Course: Math 213   CRN: 40106
Quarter: Spring 2022   Class Times: T/Th 1-2:50
Credits: 4

Instructor: Nicole Francis   Office: WOH 118
Phone: 541.917.4769   Office Hours: 12-1 Virtually, or by appointment
Email: nicole.francis@linnbenton.edu
Prerequisites: MTH95

Required Materials:
- Mathematics for Elementary Teachers, A Contemporary Approach by Musser, Burger, & Peterson, 10th Edition
- Mathematics for Elementary Teachers, Student Activities Manual by Riverstone, 10th Edition
- Compass and Protractor

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(for further information http://po.linnbenton.edu/BPsandARs/)

Students who may need accommodations due to documented disabilities, who have medical information which the instructor should know, or who need special arrangements in an emergency, should speak with the instructor during the first week of class. If you have not accessed services and think you may need them, please contact Disability Services, 917-4789.

The LBCC community is enriched by diversity. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill. I actively support this right regardless of race, creed, color, personal opinion, gender, sexual orientation, or any of the countless other ways in which we are diverse. (related to Board Policy #1015)

Outcomes: Upon completion of the course, the student will be able to
1. Categorize 2-D and 3-D polygons based upon their characteristics and compute basic measurements.
2. Perform basic constructions and measurements.
3. Recognize geometric relationships and use their properties to solve problems.
4. Communicate mathematical concepts and algorithms in a variety of ways: written, verbal, or by demonstration.

Grading and Assessment:

Your grade will be based on the following:

Active Participation	10%
Homework & ICAs	34%
Activity Write Ups (2% each)	6%
Lesson Plan & Presentation	10%
2 Tests (10% each)	20%
Final Exam	20%

Grading Scale:
90%-100% A
80%- 89% B
70%- 79% C
60%- 69% D
0 – 59% F

No Y or WP grades will be given in this class.

Active Participation:
I will be taking attendance **every** day. You may have one unexcused absence without a grade penalty. If you have an excused absence please come see me to turn in the activities we did that day.

Homework & ICAs:
Homework will be submitted in My Open Math. The due dates will be Wednesdays and Sundays. Most class days we will do at least one ICAs (In Class Assignments).

Lesson Plan & Presentation:
You will be assigned a topic the second week of the term. For this topic you will be organizing a lesson plan. You will be presenting this lesson plan to the class. More specific information will follow.

Activities:
We will be doing lots of activities. You will need to bring your Student Activity Manual to class every day. You will need to write up an activity report for 3 different activities, these will be due by week 3, week 6 and week 9. Activity reports are worth 2% each. You may choose which three weeks you wish to write up. Your report should strictly follow the activity write-up guidelines which will be distributed in class.

Tests:
There are two tests in this class, they will both be taken during class time. The final exam is on **Tuesday June 7 from 2:30-4:20**. The final will be comprehensive, with a greater emphasis on the material covered since the second midterm. There will be no makeup. You should make every effort to contact me **before** the scheduled exam time if there is any possibility that you may miss an exam for an unavoidable reason. You must score at least an average of 60% on the tests to earn a C in this course.

Tentative Calendar for Spring 2020

	Tuesday	Thursday
Week 1	12.1/12.2/12.3: Triangles, Quadrilaterals Identifying	12.1/12.2/12.3 Quadrilaterals
Week 2	12.1/12.2/12.3 Properties of Geometric Shapes Van Hiele Levels Assign Presentations 12.4	12.4
Week 3	12.5, 12.6	12.6
Week 4	Review/Presentation Day	Test 1
Week 5	13.1/13.2	13.2/13.3
Week 6	13.4	14.1/14.2
Week 7	14.2/14.3	14.5
Week 8	Review/Presentation Day	Test 2
Week 9	15.1/15.2	15.3/16.1
Week 10	16.2/16.3	Review for Final Exam
Finals Week	Final Exam 2:30-4:20	