

**Welcome to Fundamentals of Elementary Mathematics III!**

Course: Math 213 CRN: 40106

Quarter: Spring 2020 Class Times: Internet

Credits: 4

Instructor: Nicole Francis Office: WOH 118

Phone: 541.917.4769 Office Hours: Tu 2-3 TH 2-3 via Zoom

Email: nicole.francis@linnbenton.edu or by appointment

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

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws.

(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:**

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.

Your grade will be based on the following:

Forum Discussions/Activities 20%

Homework 30%

Presentation and Evaluation 10%

2 Tests (20% each) 40%

**Forum Discussions and Activities:**

You will be doing activities from the activity manual and other activities. You will be discussing and sharing your results with groups in discussion forums. Full participation in these forums is expected.

**Homework:** The homework assigned during the week will be due the following Sunday at midnight.

Homework assignments will be graded on accuracy and clarity. Late homework will only be accepted until the day of the test for that section. Late homework will be marked down 20%.

**Presentation:**

You will be assigned a topic and will be presenting this lesson plan to the class.

**Tests:**

There are two tests in this class, they will both be taken online during our original class time. The final exam is on **Tuesday June 9 from 2:30-4:20**. The final will be comprehensive, with a greater emphasis on the material covered since the second test. There will be no make-up exam. 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 | 12.1/12.2/12.3Quadrilaterals |
| Week 2 | 12.1/12.2/12.3Properties of Geometric ShapesVan Hiele LevelsAssign Presentations12.4 | 12.4 |
| Week 3 | 12.5, 12.6 | 12.6 |
| Week 4 | Presentation Day/Review | Test 1 |
| Week 5 | 13.1/13.2 | 13.2/13.3 |
| Week 6 | 13.3/13.4 | 14.1/14.2 |
| Week 7 | 14.2/14.3 | Self-Similarity |
| Week 8 | Presentation Day/Review | 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 Test: 2:30-4:20 p.m.** |  |