Instructor: Mike Lundin

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Office Hours:

11-12 MWF and 11-1 TTh

If you need special provisions, please let me know. Also, if you cannot make these office hours, we can make arrangements to meet at another time.

Math 499E
Senior Seminar

Meeting 1:00-1:50 MWF

Black Hall 226

Daily Outlines

University Calendar

Course Philosophy

This is a capstone course with three main goals: (1) learners will prepare

Course Content

Week 1- Mathematical Process

Week 2- Numbers and Operations

Week 3- Algebra and Functions

Week 4- Measurement

Resources

WEST Web Site

The New WEST-E

Test Summary and Framework

Sample Test Questions

for the West E exam; (2) learners will synthesize knowledge of major mathematical ideas; and (3) learners will demonstrate knowledge of mathematical content.

Measurement

Week 5- Geometry

Week 6- Probability and Statistics

Week 7- Precalculus and Calculus

Week 8- Calculus

Week 9- Discrete Mathematics

Week 10- Conclusion

Teacher Endorsement Competencies in Mathematics

Learning Standards (T)

Learning Standards (I)

College Readiness Mathematics Standards

Common Core Mathematics Standards

What to Expect

1. Every day you will have a WEST-E quiz, based on the material previously assigned. The goal here is to make the WEST-E a redundant assessment rather than a "shot in the dark."

2. You will write artifacts and reflections once a week, based on mathematical themes. All artifacts and reflections must be EXCEPTIONALLY

Assessment

Participation: 1/4 of final grade

Artifacts: 1/4 of final grade

Final Grading

Reflections: 1/4 of final grade

Portfolio Reflection and Conclusion: 1/4 of final grade

Note

1. All work must be submitted in a notebook and in LiveText. Your notebooks should be labeled by week.

2. Monday

93-100% A

90-92% A-

87-90% B+

83-86% B

80-82% B-

77-79% C+

73-76% C

70-72% C-

67-69% D+

63-66% D

60-62% D-

Below 60% F

well-written, because you will enter them into LiveText as examples of your best work. Expect to incorporate technology into your work. In general, artifacts will focus on non-trivial mathematical themes, found in the Washington State Mathematics Standards or the Transition Mathematics Project . Reflections generalize those themes.

3. You may work with others, but do NOT misrepresent the work of others as your own. Cite sources ANY TIME you use the work of someone else.

4. Do your BEST work; settle for no less! Your work will be visible to many others and is a final testimony to your knowledge and ability.