

Math 495, Fall 2023

Instructor: Dr Phil Kopel (philip.kopel@colostate.edu). Office hours after class or otherwise by appointment.

Lectures: Lectures are 11:00-11:50, MWF, in Military Sciences 201.

Prerequisites: MATH-161 is prerequisites for this course.

Materials: There is no textbook that needs to be purchased for this course, but materials covering the course content will be made available to you. A BA II Plus calculator, or a similar FM Exam approved calculator, will be required.

About the Course This class will introduce basic concepts of financial mathematics, geared towards the FM Exam. The topics include the time value of money, annuities and cash flows, bonds, portfolios and asset liability management.

Assessments: Five in person, written assessments will be given during the semester at approximately three week intervals. The assessments are scheduled for 9/8, 9/29, 10/20, 11/10, and 12/8.

Grading: Your grade will be determined by your performance on the assessment (50 %) and on participation in class and completion of in class activities (50 %). Please take prompt responsibility to make sure that all of your grades make sense to you and are recorded correctly on Canvas, excessively late requests to alter or correct a score will not be considered.

Accomodations: If you require Student Disability Center Accommodations for exams, you must make arrangements with the Student Disability Center and provide formal documentation to the course coordinator and your instructor at least one week in advance of every exam.

Academic Honesty Policy: The University Policy on Academic Integrity is enforced in this course and the academic honesty penalties for this class are quite serious, to the extent that it is usually not possible to pass the course after even one infraction. Penalties are predicated on a 'less than zero' philosophy, which states that it is much better to not hand in an assignment at all then it is to hand one in in violation of the honesty code. Please be advised that these situations are appraised on a preponderance of evidence basis.

All work submitted must be reflective of your own understanding, so you must be able to adequately explain and justify all of the work which you turn in. Please note that simply having access to forbidden materials – such as notes, a calculator, a smart phone, etc – during an exam constitutes a breach of academic honesty, whether or not you are observed actually using them.