
F O U N D A T I O N S O F M A T H 1 2 0

COURSE SYLLABUS: 2021

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MS Teams <http://teams.microsoft.com/>

The only way to learn mathematics is to do mathematics. – Paul Halmos



COURSE CONTENT:

- Statistics
- Set Theory
- Combinatorics
- Probability
- Regression Models

GRADE CALCULATION:

20% - Portfolios

60% - Ongoing Assessments (Tests, quizzes, assignments, check-in questions, group work, etc.)

20% - Final Assessment

TEXTBOOKS: You will be assigned a textbook and return it at the end of the semester. Cost to replace is ~\$100.

PREREQUISITES: To take this course, you *must* have already passed Foundations of Math 110.

ATTENDANCE: *REGULAR ATTENDANCE IS NECESSARY TO BE SUCCESSFUL IN THIS COURSE!*

If you are absent on any given day, then it is your responsibility to catch up on the work you missed.

IN-CLASS MATERIALS: Scientific calculator (2-line display recommended), binder with loose leaf, graph paper, pencils, ruler, eraser. If students have electronic means of note taking (i.e. a tablet or laptop with touch screen) they need to have these with them in class. ** Cell phone calculators will NOT be permitted. **

COURSE MATERIALS: Course materials (notes, worksheets, online quizzes, assignments, etc.) will be available through Microsoft Teams. Please check the class team daily for updates or notifications.

BLENDED LEARNING: This semester we will continue our adventure in blended learning. You will be expected to engage in the classroom sessions, as well as complete the activities assigned at home through the online platforms. It is essential that you finish all assigned work to enhance your understanding of the mathematical concepts being explored.

WORKLOAD: Practice questions will be assigned to reinforce the concepts covered in class. This is a critical part of gaining understanding and mastery of the topics taught in this course. Remember, *this is an elective course*, so it is expected that the motivation to keep up with in-class work, as well as out-of-class work, be maintained *throughout the semester*.

EXTRA HELP: Please plan to get extra help should you need it. Please seek assistance on the first day that you discover that you are having trouble, otherwise the work can become overwhelming. Please book a time for extra help using this site: <https://calendly.com/heather-stewart-5/>