

# Math 130 Finite Mathematics

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**Office:** Library 188

**Office Phone:** (509)963-1150

**Office Hours:** By Appointment (Usually there from 8-10:30 M-F)

## Course Description

This course meets the General Education “Basic Skills (D)” requirement and prepares students for introductory statistics courses in various departments. It covers the language of sets, counting procedures, introductory probability, and introductory descriptive statistics.

## Course Goals

This course is designed to help students develop critical thinking skills, think logically, master the basic principles of counting and probability, prepare students for future statistics courses, and prepare students to apply techniques to quantitative decision making.

## Required Course Materials

- **Text:** Bill Own and Fred Cutlip, *Finite Mathematics: Introductory Probability and Statistics*, Hayden McNeil. We will be covering Chapters 6,7,8, and 9
- **Calculator:** scientific calculator is advised

## Grading

Grades will be determined by the following weights:

Class Participation/Attendance 10%    Homework 5%    Quizzes/Projects 35%

Exams 50%: First exam 15%, Second Exam 15%, Final Exam 20%

Grades will be determined by the following scale (if .5 difference will round up):

93-100% = A	90-93% = A-	87-90% = B +	83-87% = B	80-83% = B -	77-80% = C +
73-77% = C	70-73% = C -	67-70% = D +	63-67% = D	60-63% = D -	Below 60%=F

## Grade Updates

Grades can be found under the grade sheet section of Blackboard. I will always update grades after exams and quizzes. Your grade will be listed under the last 4 digits of your student ID number.

## Attendance

Will be graded. If you miss 3 classes-participation goes down 1%, 4 classes- down 2%, 5 classes- down 4%, 6 classes down 6%, 7 classes down 8%, 8-10 classes down 10%, ***11 or more classes missed is an automatic fail.*** Statistically students who miss more than 6 classes per quarter are much less successful than students who come to class consistently. So in general, graded or not, it is in your best interest to come 😊

It is your responsibility to come to class. If you miss class it is your responsibility to get a classmates notes and find out what was covered or handed out in class.

Please note- there are attendance exceptions for good reasons. If you have a significant family/personal emergency I am more than happy to help you. If you have a medical issue I am happy to help you, as long as I receive a Dr.’s note. Either way, you need to communicate with me and let me know what is going on.

## Exams

There will be three exams given in this course including the final. Please study for the exam before the exam comes. You will always get a list of what topics can be expected on the exams and I will give a study day in class before exams where I take any questions you have. Therefore, be sure to ask questions then (or come to my office more than a half an hour before the exam.)

**Make-up Exams**

Will not be allowed unless there is a valid reason (i.e. emergency room trip, work/military requirements, family death, etc.). With medical emergencies there must be a Dr.'s note. With work/military I will just need a note and contact info for your boss/supervisor. If there is a valid reason you missed, you must notify me of this reason within a day of the missed exam. If you know you are going to miss the exam early on, let me know so we can set up a time for you to take it early.

**Homework**

Every day you will be assigned book problems in class. Some days there will be in class practice handouts. I will give you the due dates to these homework assignments in class. If you are unsure of what problems have been assigned, I will post them in the Homework section on Blackboard. I will post in class homework handouts in this Homework tab, solutions to these will be posted as well.

**Homework Guidelines**

Homework must be neatly done (aka I should be able to read it). Please staple or paper clip your assignments, write your name on your assignments, and label what the assignment is. No fringes on the paper when turning in. Indicate where your answer is by either being very neat or putting a box around the answer. If the homework does not meet these guidelines, I will not grade it.

**Quizzes**

We will have a take-home quiz every week that there is not an exam. Each quiz will be at the beginning of class 2 days after it is assigned (so if assigned on a quiz Wed, it will be due on Friday at the beginning of class). You may work with other students or seek help from the math center. However, be sure you are writing your own solutions and turning in your own paper.

**Quiz Guidelines**

Same as homework except you need to turn it in on the given quiz sheet. You can find blank quizzes under the take home quiz section of Blackboard if need be.

**Late Homework/Quizzes**

I will accept 1 late homework assignment and one late quiz for free, with no questions asked. You can have 3 extra days if you choose to take your late allotment. After that, I will only accept late homework and quizzes for valid emergencies. I will ask for proof of medical emergencies via a Dr.'s note.

**Final Exam**

A comprehensive final exam worth 20% of the final grade will be given at the end of the quarter covering all of the course's learner outcomes. You will receive a list of topics to expect on this exam and I will give you at least 1 class "study period". You may not take the exam early, so please do not plan on it.

**Cheating**

Is not allowed and will result in a failing grade.

**Support Services**

Students who have special needs or disabilities that may affect their ability to access information and/or material presented in this course are encouraged to contact the office of Disability Support Services on campus (963-2171). Also, please let me know if you need me to accommodate for a disability in anyway, I am glad to do so!