

INSTRUCTOR INFORMATION

Amanda Lombard
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Office Hours in M-402: MW 10:30-11, 1:45-3:45

COURSE INFORMATION

Student Learning Outcomes

Student will demonstrate the ability to:

1. Utilize a variety of problem-solving techniques and strategies to identify, analyze, and solve problems;
2. Represent mathematical information symbolically, graphically, numerically, and in writing;
3. Interpret and draw inferences from mathematical models such as formulas, graphs, and tables;
4. Create and analyze mathematical models of real world and/or theoretical situations, including the implications and limitations of those models;
5. Check mathematical results for reasonableness;
6. Use appropriate technologies to analyze and solve mathematical problems.

Course Materials

The text for this course is [Introduction to Mathematical Statistics and Its Applications](#) by Richard Larsen. You can purchase it at the bookstore.

You need to purchase a TI-84 or rent one from the Math Center.

Attendance

To do well you must attend class and participate to the best of your ability, but **please do not come to class if you are sick**. I will post everything on Canvas so you can stay on top of the material. Please email me if you will be absent from class and we can make a plan for you to make up any graded assignments you miss. I reserve the right to drop students due to poor attendance and no communication about illness.

Homework

Homework is assigned every class meeting and is due the next class meeting. The first bit of class will be dedicated to homework questions. Homework will not be collected, but certain homework problems will show up on quizzes and exams so make sure you stay up on it.

In Class Group Work and Group Quizzes

There are multiple group quizzes and group work assignments throughout the semester. These are designed to make sure you are not falling behind in your learning. You can work in groups of up to three students but you will submit your own work on Canvas.

Exams

There will be two exams and a cumulative final exam. In general, there are no make-up exams but contact me prior to an exam in case of emergency. The final exam will be given on **Wednesday, December 6, 2-4 pm**.

Tutoring

We are lucky to have a peer mentor, Cristal! Her office hours:

You are required to attend Cristal's study sessions and/or use the Math Center in M-101 for a minimum of 5 hours this semester. Data shows this will drastically improve your grade!

Grading

Your grade will be based upon the following percent distribution:

In Class Work 20% 2 Exams 30% Math Center Hours 10%

Group Quizzes 20% Final Exam 20%

Distribution of grades: A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%

Assignments turned in after their due date will receive half credit so be sure to watch out for deadlines, even if you are absent. I will accept late work for half credit through the last day of instruction (November 29) but full credit is best so do your work on time! 🟡

Tips for Success

Here are some general tips to help you succeed in any college level math class:

- ✓ Make time for your school work but also make time for your mental health. Find things you can do to alleviate stress.
- ✓ Take responsibility for learning the material. Participate in class, take notes, ask questions, and do all the homework regularly.
- ✓ Focus on learning the concepts, not just memorizing a set of procedures or problem types. The goal is to gain an understanding of the material and developing your problem-solving skills, not just getting the homework done.
- ✓ Find at least one friend in class and get their number. Study together, do homework together, and hold each other accountable for coming to class.

Name: _____ Number: _____

Americans with Disability Act

Let me know about any personal learning accommodations that may be needed by a student covered by the ADA as soon as possible. I want to help you but it is the student's responsibility to contact LAP (922-6966 ext. 3274).

Student Conduct

Students are expected to conduct themselves in a manner that is appropriate for a college classroom, during a pandemic. These expectations include:

Arriving to class on time and staying for the entire period

Being courteous to the instructor and your fellow students

Actively participating when given an activity to perform in class

Cell phones are to be on silent and put away

Uphold a high standard of academic honesty

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Allan Hancock College and I (as a human being and instructor of this course) are committed to full inclusion in education for all persons. I value diversity and can't wait to get to know you and the uniqueness you bring to this class! I love mathematics and believe everyone can be successful in learning. I look forward to a great semester helping you achieve this and move towards your ultimate goals!

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5. Check mathematical results for reasonableness;
6. Use appropriate technologies to analyze and solve mathematical problems.

Course Materials

The text for this course is Introductory Statistics by Barbara Illowsky 3/2018 Edition. It is free online at <https://openstax.org/details/books/introductory-statistics> (linked on Canvas)

Please download the free app ClassCalc to use as a calculator.

Attendance

To do well you must attend class and participate to the best of your ability, but please do not come to class if you are sick. I will post everything on Canvas so you can stay on top of the material. Please email me if you will be absent from class and we can make a plan for you to make up any graded assignments you miss. Withdrawing/dropping will be the responsibility of the student, but please meet with me first to see how I can help you have success.

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Exams There will be two exams and a cumulative final exam. In general, there are no make-up exams but contact me prior to an exam in case of emergency. The final exam will be given on **Monday, December 4, 8-10 am.**

Tutoring We are lucky to have a peer mentor, Jack! He took this course and knows what it takes to have success; he is available to help during and outside of class. His office hours:

You are required to attend Jack's study sessions and/or use the Math Center in M-101 for a minimum of 5 hours this semester. Data shows this will improve your grade!

Grading Your grade will be kept current on Canvas based upon the following percent distribution:

In Class Work	20%	2 Exams	30%	Math Center Hours	10%
Group Quizzes	20%	Final Exam	20%		

Distribution of grades: A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%

Assignments turned in after their due date will receive half credit so be sure to watch out for deadlines, even if you are absent. I will accept late work for half credit through the last day of instruction (November 29) but full credit is best so do your work on time!

If your grade falls below a C, I recommend setting up a meeting with me during office hours so we can make a plan for you to have more success.

Tips for Success Here are some general tips to help you succeed in any college level math class:

- ✓ Make time for your school work but also make time for your mental health. Find things you can do to alleviate stress. I know student-athletes have extra busy schedules so you have to be proactive about this!
- ✓ Take responsibility for learning the material. Participate in class, take notes, ask questions, and do all the homework regularly.
- ✓ Focus on learning the concepts, not just memorizing a set of procedures or problem types. The goal is to gain an understanding of the material and developing your problem-solving skills, not just getting the homework done.
- ✓ In this class, we're a team! Study together, do homework together, and hold each other accountable for coming to class.

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