

Instructor: Dr. Chris Black
Office: (Bouillon #122, but I am off campus this quarter)
Office Hours: To be determined and by arrangement
Email : blackc@cwu.edu

Required Text: *Finite Mathematics: Introductory Probability and Statistics*, Owen and Cutlip, Hayden McNeil. We will be covering chapters 6, 7, 8 and 9 of the text.

Required Materials: Graphing calculator, such as a TI-83+ or TI-84, which have specialized probability and statistical functions that we will be using.
Access to WebWork for homework, via webwork.math.cwu.edu.

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, master the basic principles of counting and probabilities, and apply these techniques to quantitative decisions.

COURSE EXPECTATIONS:

As a student in this online course, you can expect:

- Response to email within 24 hours (or less!) Monday to Friday, unless I am travelling which will occur during the quarter. I will also respond to email on weekends, although less frequently.
- Constant accessibility during online office hours, and individual appointments by phone or chat made as necessary.

As a student in this online course, you will be expected to:

- Devote enough time to the course to succeed. Remember this is a 5-credit course
- Be proactive in seeking help when needed.
- Complete all assignments on time and to the best of your ability, whether or not they are collected or assessed by the instructor.
- Notify the instructor *immediately* of any circumstances impeding your success.
- Adhere to Central Washington University’s Student Judicial Code (posted on Canvas), particularly the section on Proscribed Conduct and Academic Dishonesty.

PROBABLE COURSE TOPICS:

- ▷ Counting methods
- ▷ Introductory probability
- ▷ Random variables and probability distributions
- ▷ Introductory statistics

COURSE STRUCTURE:

As an online course, the content will be delivered through Canvas. Your regular tasks will include the following:

- Read the appropriate section(s) of material from the text.
- Watch the recorded lesson/PowerPoint. Pause the recording to work through examples where indicated and check your understanding.
- After the lesson, work through the worksheet on your own.
- Assess your work on the worksheet by comparing your work to the solution.
- Work through the practice problems in the text.
- Complete the assigned homework on WebWork.
- If you need help with any of the homework problems, email me. I will either handle the questions individually, or I will post a solution on Canvas, depending on how many students are having similar issues. Remember that I am here as a force for good, not evil.

HOMEWORK:

Daily homework is an integral part of this course. There are two types of homework in the course:

- Problems in the text. Answers to these problems are provided in the back of the book, so these problems will not be collected or graded. Use the textbook problems to prepare yourself for the graded assignments.
- Problems on WebWork. Homework will be administered and graded on WebWork, found online at webwork.math.cwu.edu. It is strongly encouraged that you do the textbook problems before you tackle the problems on WebWork. There are two days on the schedule devoted to each section of material, so there is time to watch the lesson, do the worksheet, do some practice problems and seek help if needed before you work through the graded problems on WebWork.

You are responsible for keeping up with the assigned homework in the text and on WebWork, and for seeking help when needed. Each section of material has its own homework assignment, and homework assignments are due by 11:59 pm each Friday. Consult the course schedule and calendar for the due dates for each section's assignment. Late submissions will not be accepted. Graded homework will be scaled to 200 points for the final grade calculation.

CHAPTER TESTS:

There are four chapter tests administered through Canvas that assess the concepts in an entire chapter of material. Each 90-minute test must be taken **on the day specified on the course schedule**: Tuesday 1/27, Tuesday 2/2, Wednesday 3/4, and Friday 3/13. The tests are worth 100 points each.

Make-up tests will only be given for documentable reasons and only if arrangements are made in advance. You have from 12:01 am to 11:59 pm on the day of a test to find a 90-minute window to take it.

Additionally, we will be piloting the Respondus Monitor during exams. More information on this requirement will be announced through Canvas.

FINAL EXAM:

As the registrar does not set a time for final exams for online courses, the comprehensive 2-hour final exam will take place at a date and time to be determined before the end of the second week of class. You are expected to respond to the poll about your availability during finals week. The final exam is worth 200 points.

CITIZENSHIP:

Citizenship addresses your behavior and comportsment with other class members and the instructor. We each need to be respectful of other students, other cultures, and differing ideas within our learning community. In particular, in a class where we participate in group discussions, we need to keep our comments constructive.

GRADING:

Homework (WebWork):	200 points
Tests (Canvas):	400 points
Final Exam (Canvas):	200 points
Citizenship:	20 points

ACADEMIC HONESTY:

Each of us should consider our placement at this institution to be a privilege. We need to have respect for one another, and for ourselves. In light of these facts, cheating in any form will not be tolerated. You are encouraged to consult with each other using the online discussion forums, however anything you turn in with your name on it should have been written by you alone. The word “plagiarize” is defined by Merriam-Webster as “to steal and pass off (the ideas or words of another) as one’s own: use (another’s production) without crediting the source.” This is a very serious offense that I absolutely do not tolerate. The first instance of plagiarism results in a score of 0 on that assignment, and the second is grounds for failing the course.

DISABILITY SERVICES:

Students with disabilities may arrange for academic adjustments by providing the instructor with a copy of the “Confirmation of Eligibility for Academic Adjustments” from the Disability Support Services Office as soon as possible. To obtain this form, contact the Disability Support Services Office at the main campus at dsreceipt@cwu.edu or (509) 963-2171.