

Math 101: Math in the Modern World — Winter 2023

Instructor Information

Name: Dr. Saud Hussein
Office: Samuelson Hall – Room 228B
Email: Saud.Hussein@cwu.edu
Office Phone: (509) 963 – 1759
Office Hours: 2 – 3 PM daily

Zoom website: cwu.zoom.us/j/2914341346
Scheduling website: saudhussein.youcanbook.me
Faculty page: cwu.edu/faculty/saud



Class Information

Dates: 01/04/23 – 03/10/23
Time: 2 – 3 PM (for any live streams)
Regular Exams: 2 – 3 PM (Online on Canvas)
Final Exam: 03/15/23, 2 – 4 PM (Online on Canvas)

Course Description

This course is designed to help develop your ability to reason with quantitative information, develop your critical thinking and reasoning skills, and prepare you for mathematics you encounter in the real world.

We will cover the following chapters of the e-textbook:

- Chapter 3 – Numbers in the Real World
- Chapter 4 – Managing Money
- Chapter 8 – Exponential Astonishment
- Chapter 9 – Modeling Our World

Textbook

An electronic copy of the textbook *Using and Understanding Mathematics*, 7th edition, by Bennett and Briggs, is included with the homework platform MyLab Math.

Online Course Structure

We will not be live streaming the lectures. Instead, video recordings of the powerpoint slide lectures and problems worked out on a whiteboard will be posted on Canvas. We will

also have optional attendance live exam review sessions on Zoom from 2 – 3 PM.

Grading

Your final grade will be based on the following:

Exams	Final	Homework	Group Work
45%	20%	30%	5%

To pass the course and advance to future coursework, you must score at least a C, that is, 73% or better in the coursework.

93 – 100	90 – 92	88 – 89	83 – 87	80 – 82	78 – 79	73 – 77	70 – 72	Below 70
A	A–	B+	B	B–	C+	C	C–	D or F

Homework

Homework will be assigned and completed on our Canvas page and accounts for 30% of your final grade. A point is deducted for each day a homework assignment is late and homework problems may be attempted as many times as needed. Additional work will be assigned worth 5% that may be worked in groups, to prepare you for exams.

Exams

There are four exams worth a total of 45% of your final course grade. If you miss an exam, you may take the exam with a valid excuse and with prior permission. This must be done within a week of the missed exam. If an exam is missed without prior notification or for an excused reason, the exam may be taken but 20 points will be deducted.

The exams will cover the following chapters:

- Exam 1 – Chapter 3 (Numbers in the Real World)
- Exam 2 – Chapter 4 (Managing Money)
- Exam 3 – Chapter 8 (Exponential Astonishment)
- Exam 4 – Chapter 9 (Modeling Our World)

The final exam is comprehensive and counts for 20% of your grade. Your final exam grade may also **replace the lowest** of the four exams.

Getting Help

To get help in understanding the material in this course, schedule a time to meet with me in person or on Zoom during office hours.

The Academic Success Center also provides tutoring. Schedule an appointment at cwu.edu/asc.

Important Dates

The exams are tentatively scheduled for the dates shown below:

- **January 10** – Last day to add or drop the class
- **January 16** – No class (Martin Luther King Jr. Day)
- **January 20** – Exam 1
- **February 9** – Exam 2
- **February 17** – Uncontested withdrawal deadline
- **February 20** – No class (Presidents Day)
- **February 27** – Exam 3
- **March 10** – Exam 4
- **March 15** – Final Exam

Academic Honesty and Inclusiveness

Consult university policies CWUP 5-90-040(22), CWUR 2-90-040(22), and WAC 106-125-020 for student conduct, cheating, plagiarism, and other academic expectations. CWU's policies and recommendations for academic misconduct will be followed, leading to disciplinary action up to and including failing the course.

CWU expects every member of the university community to contribute to an inclusive and respectful classroom culture.

Students with Disabilities

Central Washington University is committed to creating a learning environment that meets the needs of its diverse student body. If you anticipate or experience any barriers to learning, discuss your concerns with your instructor. Students with disabilities should contact Disability Services to discuss a range of options to removing barriers, including accommodations. Student Disability Services is located in Hogue 126. Call (509) 963 – 2214 or email ds@cwu.edu for more information.

Faith/Tradition Observances Policy

In compliance with RCW 28B.137.010, Central Washington University makes every effort to deal reasonably and fairly with students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. Students must present written notice to their instructor within the first two weeks of class listing the specific dates on which accommodations are required. Contact the Dean of Student Success at (509) 963 – 1515 for further information or questions.