

Math 100B: Introductory Algebra — Fall 2022

Instructor Information

Name: Dr. Saud Hussein
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Office Hours: 4 – 5 PM daily

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Faculty page: cwu.edu/faculty/saud



Class Information

Dates: 09/21/22 – 12/02/22
Time: 10 – 10:50 AM (section 3); 11 – 11:50 AM (section 4)
Classroom: Samuelson Hall – Room 105
Final Project: 12/06/22, 8 – 10 AM (section 3); 12/08/22, 8 – 10 AM (section 4)

Course Description

This course is designed to prepare students for college-level mathematics by reinforcing algebraic skills and concepts. Symbolic, graphical, and numeric representations will be studied to understand how the concepts of algebra make sense, connect, and are applied in real life situations. The course does not count against your GPA and no credit hours towards a degree will be earned. *Prerequisites: ALEKS score of 30 – 44.*

Textbook

No textbook will be required but a scientific calculator is needed.

There are three OER (open education resource) textbooks on Canvas you can reference:

1. *Prealgebra*, by Marecek, Anthony-Smith, and Mathis
2. *Elementary Algebra*, by Marecek, Anthony-Smith, and Mathis
3. *Intermediate Algebra*, by Marecek and Mathis

Class Attendance

Class attendance counts as one standard and 80% attendance is required to earn credit. If you have to be absent for an emergency, please contact me at the earliest possible time.

Homework

Homework is completed on Canvas and counts as one standard. To earn credit, an 80% overall average is needed. You might find that you benefit from talking through the material with classmates. If you regularly participate in a study group, you must ensure that you understand and can complete the content independently.

Project

The budget project counts as one standard and **you must receive a score of 80 or higher on the project to pass the course**. You will be expected to do a majority of the work outside of class and can begin work anytime. The project will include a written component and a paper describing your work. It will be important that your work is clear and concise.

Grading

This course is standards-based. Your final grade will be based on the number of standards passed. In addition to the budget project requirement described above, a minimum of 15 standards must be completed to pass the course.

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|--------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------|
| # of standards met | 19–20 95–100% | 18 90% | 17 85% | 16 80% | 15 75% | 14 70% | 13 65% | 12 60% | 11 or less 55% or less |
| Grade | A | A– | B | B– | C | C– | D | D– | F |

Students who successfully complete this course will be able to show mastery on the following set of mathematical tasks called learning standards:

1. Numeration and Number Theory
2. Skills and Operations Review
3. Fractions
4. Expressions and Equations
5. Ratio and Proportion
6. Mathematical Foundations
7. Scatterplots and Graphing
8. Statistics
9. Quantitative Analysis and Reasoning
10. Numbers in the Real World
11. Rate of Change
12. Linear Functions

13. Systems of Linear Equations
14. Inequalities
15. Polynomials
16. Quadratic Equations and Functions
17. Homework (80%)
18. Class Attendance (80%)
19. Attendance in PAL sessions (8 visits)
20. Budget Project (80%)

To show mastery of a standard, you must meet the requirements by doing the following:

- 1–16: Show mastery of course content standards by passing the standard assessment exam with a score of 80% or higher. You may retake a standard a maximum of five times if your first attempt was not successful, within two weeks of the original scheduled assessment. **If you have to be absent on exam day, I must be contacted before the exam.** If the absence is for an excused reason, the missed exam can be made up.
- 17: Obtain at least 80% as an average score on all assigned homework.
- 18: Attend a minimum of 80% of assigned class days (excused absences do not count against the student).
- 19: Attend a minimum of eight PAL sessions. **Note:** If you are unable to attend enough of these sessions, tutoring with the instructor also counts.
- 20: The Budget Project is a required standard and must be passed with at least an 80%.

COVID-19 and Masking

In accordance with [Proclamation 21.14.1](#), CWU has chosen to make vaccinations a priority this academic year. We believe a fully vaccinated community is the best way to protect our individual and collective health and safety. **Proof of full vaccination against COVID-19 is required for all employees and students.** Medical and/or religious accommodation requests will be considered.

Getting Help

To get help in understanding the material in this course:

- Schedule a time to meet with me in person during office hours or on Zoom outside office hours.

- Ask a classmate or friend
- The Academic Success Center provides tutoring. Drop by or schedule an appointment at cwu.edu/asc.
- Attend PALS (Peer Assisted Learning) tutoring groups

Important Dates

Some important dates and holidays are shown below:

- **September 27** – Last day to add or drop the class
- **November 7** – Uncontested withdrawal deadline
- **November 11** – No class (Veterans Day)
- **November 23–25** – No class (Thanksgiving)
- **December 6** – Final Project (Section 3)
- **December 8** – Final Project (Section 4)

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.