Math 154: Pre-Calculus II — Fall 2021

Instructor Information

Name: Dr. Saud Hussein
Office: Samuelson Hall – Room 228B
Email: Saud.Hussein@cwu.edu
Office Phone: (509) 963 – 1759
Office Hours: 1 – 2 PM, 3 – 4 PM daily

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

Class Information

Dates: 09/22/21 – 12/03/21
Time: 10 – 10:50 AM
Classroom: Samuelson Hall – Room 113
Final Exam: 12/07/21, 8 – 10 AM
Textbook: **Precalculus–An Investigation of Functions**, by Lippman and Rasmussen

Course Description

A continuation of MATH 153 with emphasis on trigonometric functions, vectors, systems of equations, the complex numbers, and an introduction to analytic geometry.

We will cover the following chapters of the textbook:

- Chapter 5 – Trigonometric Functions of Angles

- Chapter 6 – Periodic Functions

- Chapter 7 – Trigonometric Equations and Identities

- Chapter 8 – Further Applications of Trigonometry

Textbook

Since we are using an open education resource (OER) textbook, you may download the book at no cost.

If you would like to reference the traditional textbook previously used for the Precalculus sequence at CWU, the library may have copies of *Precalculus* by Sullivan.

A scientific calculator is required.

Grading

Your final grade will be based on the following:

Exams	Final	Homework
40%	20%	40%

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 40% of your final grade. You may extend the due time by 24 hours for a homework section by electing to use one of your **five late pass allowances** at the Canvas homework tool.

Exams

There are four exams worth 10% each for a total of 40% of your final course grade. If you miss an exam, you may take the exam with a valid excuse or with prior permission. This must be done within a week of the missed exam.

The exams will cover the following chapters:

- Exam 1 – Chapter 5 (Trigonometric Functions of Angles)

- Exam 2 – Chapter 6 (Periodic Functions)

- Exam 3 – Chapter 7 and Section 8.1 (Trigonometric Equations and Identities)

- Exam 4 – Chapter 8 (Further Applications of Trigonometry)

The final exam is comprehensive and counts for 20% of your grade.

COVID-19 and Masking

In accordance with Proclamation 21.14.1, CWU has chosen to make vaccinations a priority this fall. 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 will be required by October 18, 2021** for all employees and students. Medical and/or religious accommodation requests will be considered. All employees and students are required to

wear cloth face masks while indoors.

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.

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:

- **September 28** – Last day to add or drop the class
- **October 6** – Exam 1
- **October 21** – Exam 2
- **November 8** – Uncontested withdrawal deadline
- **November 9** – Exam 3
- **November 11** – No class (Veteran's Day)
- **November 24–26** – No class (Thanksgiving break)
- **December 1** – Exam 4
- **December 7** – 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.