

# Math 173: Calculus II — Winter 2021

## Instructor Information

*Name:* Dr. Saud Hussein  
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*Office Phone:* (509) 963 – 1759  
*Office Hours:* 12 – 5 PM daily

*Zoom website:* [cwu.zoom.us/j/2914341346](https://cwu.zoom.us/j/2914341346)  
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*Faculty page:* [cwu.edu/faculty/saud](https://cwu.edu/faculty/saud)



## Class Information

*Dates:* 01/05/21 – 03/12/21  
*Time:* 1 – 2 PM (for any live streams)  
*Regular Exams:* 1 – 2 PM (Online on Canvas)  
*Final Exam:* 03/17/21, 1 – 3 PM (Online on Canvas)  
*Textbook:* **Calculus**, 4th edition, by Rogawski and Adams

## Course Description

This course continues the study of calculus after covering differentiation in Math 172. Here we will calculate, interpret, and apply definite and indefinite integrals. This will include a variety of integration techniques, as well as setting up integrals to represent quantities such as volume and/or surface area of a solid of revolution, etc.

We will cover the following chapters of the textbook:

- Chapter 5 – Integration
- Chapter 6 – Applications of the Integral (sections 6.1–6.4)
- Chapter 7 – Exponential and Logarithmic Functions (sections 7.1, 7.3, 7.6)
- Chapter 8 – Techniques of Integration (sections 8.1–8.3, 8.5–8.7)
- Chapter 9 – Further Applications of the Integral (section 9.2)

## Textbook

Purchase access to Achieve Macmillan through the Macmillan tab in Canvas. The website includes an electronic copy of the textbook *Calculus*, 4th edition, by Rogawski and Adams.

There is no need to buy a hardcopy of the textbook.

### 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 1 – 2 PM.

### Grading

Your final grade will be based on the following:

Homework	Exams	Final
40%	35%	25%

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 on most days on the Achieve website and is worth 40% of your total course grade.

### Exams

There are three regular exams worth 35% of your final grade. If you miss an exam, you can make it up with a valid excuse or with prior permission.

The exams will cover the following chapters in the textbook:

- Exam 1 – Chapter 5 (Integration)
- Exam 2 – Chapters 6 and 7 (Applications of the Integral, Exponential and Logarithmic Functions)
- Exam 3 – Chapters 8 and 9 (Techniques of Integration, Further Applications of the Integral)

The final exam is comprehensive and worth 25% of your final grade.

### Getting Help

To find help in understanding the material in this course, you have several options:

- Schedule a time to meet with me during office hours on Zoom
- The Academic Success Center is providing online tutoring using Zoom. Schedule an appointment at [cwu.edu/asc](http://cwu.edu/asc) or by visiting [tutortrac.cwu.edu](http://tutortrac.cwu.edu).

The best way to contact me is via email. Also, my office phone is being forwarded to my cell phone so I may be reached by phone.

### **COVID-19 and Masking**

Due to COVID-19, and under the directive and mandate of public health officials and the president of Central Washington University, students must adopt face covering protocol before entering any classroom or building at CWU until further notice. Students must also follow the social distancing placement marks in buildings and classrooms. If you do not have a face covering Central Washington University can provide one for you. If you have not yet received your CWU-supplied facial covering, please go the SURC Information Desk. Please do so prior to the start of your first class.

### **Important Dates**

The exams are scheduled for the dates shown below:

- **January 11** – Last day to add or drop the class
- **January 18** – No class (Martin Luther King Jr. Day)
- **January 26** – Exam 1
- **February 15** – No class (Presidents Day)
- **February 16** – Exam 2
- **February 18** – Uncontested withdrawal deadline
- **March 10** – Exam 3
- **March 17** – 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](mailto: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.