

MATH 1175 CALCULUS II

Sections 05/E5

Spring 2023

Class Meeting Times & Venue:	MTWF 13:00 - 13:50 & PS 303
Instructor & Office:	Dr. Wenxiang Zhu & PS 314C
E-mail & Phone:	zhuwenx@isu.edu & (208) 282-2998
Office Hours:	MW 14:00 - 14:50, T 11:00 - 11:50, or by appointment
Textbook:	<i>Calculus: Early Transcendentals - WebAssign Access</i> , 9th Ed.
Authors:	James Stewart, Daniel K. Clegg, and Saleem Watson
Publisher & ISBN :	9th Cengage & 9780357128923
Course Page:	See Moodle ISU
Prerequisite:	MATH 1170

WebAssign. Choose either the printed book and access code or the eBook with access code. **Do not choose both.** The access card includes access to an eBook and WebAssign for one term. There is a link to Cengage/WebAssign on the Moodle course page. Following that link, students will need to either log into their existing Cengage account, or be prompted to create a new account, and will then be automatically enrolled in the WebAssign course. All of the homework assignments will be completed and administered via WebAssign/Moodle.

Course Description. This is the second course of the calculus sequence of MATH 1170, MATH 1175, and MATH 2275. Topics include techniques of integration, improper integrals, applications of definite integrals, sequences and series, parametric curves in the plane, polar coordinates, and introduction to differential equations (if time permits).

Course Objectives. To gain a thorough understanding of second semester college calculus; to improve the student's critical thinking and problem solving ability; to further develop the student's ability to apply calculus in science and engineering, and to present mathematics orally and in writing.

Exams and Quizzes. There will be biweekly quizzes, **three** midterm exams, and a comprehensive final exam. The exams will be given on the following dates in the classroom (PS 303):

Exam 1	Monday, February 13, 2023
Exam 2	Monday, March 13, 2023
Exam 3	Monday, April 17, 2023
Final Exam	12:30 - 14:30, Monday, May 1, 2023

Makeup Exams and Quizzes. Student who has a valid documented excuse, such as a unavoidable emergency or illness during regular exam/quiz times is permitted to schedule a makeup exam/quiz with no penalty. In order to take a makeup exam/quiz, student needs to contact the instructor as soon as possible and **within 24 hours** of the regular exam/quiz date, otherwise any missed exam/quiz will be assigned a zero mark.

Homework. There will be scheduled homework assignments from Cengage/WebAssign. No late homework will be accepted.

Calculator Policy. A basic scientific calculator such as the Texas Instruments TI-30XIIS or the Casio FX 260 Solar II will be allowed for all exams. Devices that can text, phone or access the Internet are prohibited on any exam.

Grading. Student's course grades will be calculated according to on the following weights:

Homework	13%
Quizzes	12%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Examination	30%
Total	100%

No student may pass the course without taking the final exam. A student's final course grade will be assigned according to the following grading scale:

A	90% above
A-	87% – –90%
B+	85% – –87%
B	80% – –85%
B-	77% – –80%
C+	75% – –77%
C	65% – –75%
C-	60% – –65%
D	50% – –60%
F	50% below

CoSE X policy. Students who earn a failing grade in course work and have unexcused absences that total more than 30% of class meetings will receive an X grade.

MATH Center. For more information, please click on the following link:

<https://www.isu.edu/tutoring/>.

Accommodations. “Idaho State University is committed to providing equal opportunity in education for all students. If you have a disability or if you believe you have a disability (physical, learning, hearing, vision, psychiatric) that might require reasonable accommodation in this course, please contact the Disability Services Center, Rendezvous Building, Room 125, 282-3599 or on the web at <https://www.isu.edu/disabilityservices/>. It is the responsibility of students to contact instructors during the first week of each semester to discuss appropriate accommodations.”

Student Code of Conduct. All Idaho State University students are held to the Student Code of Conduct including academic dishonesty, cheating and plagiarism. Definitions can be found in the Student Code of Conduct Handbook:

<https://www.isu.edu/deanofstudents/student-conduct/>

Academic Complaints/Grievances. Students with academic complaints/grievances should first meet with the instructor responsible for the policy, procedure or decision that resulted in the student’s initial complaint/grievance. If the student is still dissatisfied after that meeting, the student should next meet with the instructor’s department head (Dr. Rault, PS 318B, patrick-rault@isu.edu) and then with the dean of the college (Dr. Snyder, PS 120A, sdsnyder@isu.edu). For more information, see: <https://www.isu.edu/deanofstudents/advocacy-services/>.

Title IX. Idaho State University is committed to fostering an environment in which students, faculty and staff from all backgrounds can live, work and learn free from the insidious and debilitating effects of prejudice, discrimination and marginalization. As such, ISU is committed to providing an environment free of all forms of discrimination, including sexual and gender-based discrimination, harassment, and violence such as sexual assault, dating violence, domestic violence, and stalking. If you (or someone you know) has experienced or is experiencing these types of behaviors, we have resources available to help.

ISU faculty and staff are concerned about the well-being and development of our students. If you inform me of any experience regarding harassment or discrimination, I am obligated to share information with the ISU Title IX Coordinator to ensure that the student’s safety and welfare is being addressed, consistent with the requirements of law.

If you would like to talk to the Title IX Coordinator, Ian Parker directly, you may contact him at (208) 282-1439 or ianparker@isu.edu, located in Rendezvous 235. If you would like more information regarding Title IX or to make an online report please visit the Title IX homepage at <https://www.isu.edu/title-ix/how-to-report/>.

Inclement Weather. In the event of inclement weather, I may need to change our class mode from in-person to Zoom. If this happens, I will send an email and Moodle notification by 8am the day of class, and will send a Zoom link via email and post the Zoom link on our Moodle page roughly an hour before our scheduled meeting time. I will try to record the Zoom session for all who are unable to attend, and post a link to the recording on Moodle within 24 hours of the class session. (Note that if ISU cancels all classes, then we will simply cancel our class.)

This syllabus is subject to change during the semester by the instructor. Any change will be informed to all of the students in the class.