

COURSE INFORMATION

Course name and section: Math 262-03/Honors Calculus II

Hours and location: 11:00am-12:15pm TTh in Hume Hall 110

Instructor: Sandra Spiroff

Office address: Hume Hall 335

Office hours: T 9:20-10:45am & 1:00pm-2:00pm; Th 12:20-1:15pm; also by appointment

Office telephone number: (662) 915-5646

E-mail address: spiroff@olemiss.edu

Software for the course (REQUIRED): *MyMathLab-Calculus Early Transcendentals, Third Edition* by William Briggs and Lyle Cochran, via Pearson.

Text for the course (OPTIONAL): *Calculus Early Transcendentals, Third Edition* by William Briggs and Lyle Cochran ISBN: -9780134765761

Mathematica: (do not purchase) -available on the computers in the Weir Hall computer lab or to install on your personal computer using the university site license; installation instruction at

<https://my.olemiss.edu/irj/portal?NavigationTarget=navurl://437be7228f011319fc592867c0866c2f&role=Student&workset=Technology>

Prerequisites: The prerequisite for this course is at least a C in Math 261 or equivalent course.

Course Goals: This course covers methods of integration and applications. The content includes, but is not limited to, antiderivatives, techniques of integration, applications of definite integrals, and transcendental functions. This is essentially chapters 5-8. Our goals are to enable students to understand the concepts and rules of integration, to learn different techniques for finding antiderivatives, and to develop problem solving skills. We expect students to apply concepts and theories learned in class to solve application problems that include finding areas between curves and volumes of solids. Math 262 will prepare students for higher level calculus or other courses and enhance critical thinking and analytical reasoning abilities.

Course Content:

CHAPTER	SECTIONS	TOPICS
Chapter 4	4.9	Antiderivatives
Chapter 5	5.1-5.5	Integration
Chapter 6	6.2- 6.6	Applications of Integration
Chapter 7	7.1-7.3	Log, Exp, Hyperbolic Functions
Chapter 8	8.1-8.6, 8.9	Techniques of Integration

Calculator policy: An inexpensive scientific calculator is sufficient in Math 262. Graphing calculators and cell phone calculators are prohibited. No sharing of calculators will be allowed.

Examination policies: There will be four in-class exams: Thursday, February 13th, Thursday, March 5th, Thursday, April 2nd, and Thursday, April 23rd. **Final exam date: Tuesday, May 5th, noon-3pm**

Homework: There will be regular homework assignments. The homework content is the basis for the (*written*) tests. The course ID you will need to enroll in is **spiroff21538**.

- Online homework will be assigned for each section of material covered;
- Homework assignments will be completed on the computer using the MyMathLab software.
- Homework assignments may be attempted as many times as needed before the due date, with only the best score counting toward the students grade.
- Homework must be submitted by 11:59 p.m. on the due date.
- No late homework/project will be accepted.
- Any non-submitted homework/project assignment will be given a grade of zero (0)

Grading policies: Homework: 15%, Tests: 15% ea., Final: 25%. **NO MAKE-UP EXAMS WILL BE GIVEN**, but your lowest test score will be replaced by the final exam score. Grades will be determined on a straight scale:

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D	F
Percentage	93-100	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-60	59-0

Departmental Tutoring: Drop in help is available.

DAY	TIME	LOCATION
M-Th	10am-7pm	Library Commons
F	10am-2pm	Library Commons

Disability and Inclusion: The University of Mississippi is committed to the creation of inclusive learning environments for all students. If there are aspects of the instruction or design of this course that result in barriers to your full inclusion and participation, or to accurate assessment of your achievement, please contact the course instructor as soon as possible. Barriers may include, but are not necessarily limited to, timed exams and in-class assignments, difficulty with the acquisition of lecture content, inaccessible web content, and the use of non-captioned or non-transcribed video and audio files. If you are approved through SDS, you must log in to your Rebel Access portal at <https://sds.olemiss.edu> to request approved accommodations. If you are NOT approved through SDS, you must contact Student Disability Services at 662-915-7128 so the office can: 1. determine your eligibility for accommodations, 2. disseminate to your instructors a Faculty Notification Letter, 3. facilitate the removal of barriers, and 4. ensure you have equal access to the same opportunities for success that are available to all students.

It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128).

Academic Honesty: The following is the policy of the Department of Mathematics regarding cheating:

Offenses: Cheating on any exam, quiz, class work, or homework, theft of exam questions, or possession of exam questions prior to the time for the exam shall all be offenses subject to the appropriate penalties.

Penalties: The penalty for commission of any offense set out above is failure in the course, and subject to the approval of the Chancellor, dismissal or suspension from the University.

Very Important:

- (1) Students must show all work in order to receive credit. Work shown must support answer.
- (2) No late homework will be accepted.
- (3) If a test is missed for any reason, a grade of 0 will be given. There will be no make up tests given for any reason other than official university functions.
- (4) Any student who must miss an exam because of an official university function may reschedule the test BEFORE the test is originally scheduled. This is the ONLY rescheduling allowed.
- (5) Each student is responsible for all work missed due to absences.
- (6) An "I" grade will not be given without the permission of the Department of Mathematics.
- (7) There will be no extra credit.
- (8) Any student having three or more final exams scheduled for the same day may arrange with the instructor to take either the 12:00 noon or 7:30 pm exam at another time. This the only reason that a final exam may be rescheduled. Student are required to take the final exam at the time scheduled.

Special Note: A grade of C or better in Math 262 is required in order to enroll in Math 263.

Withdrawals: The deadline for withdrawal is Tuesday, March 2nd. After the course withdrawal deadline, courses will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise the grade recorded will be an F. After the course withdrawal deadline a student may drop a course only in cases of extreme and unavoidable emergency as determined by the student's academic dean. Dropping the course after the deadline will not be permitted because of dissatisfaction over an expected grade or because of a change of major.