COURSE INFORMATION

Course name and section: Math 319/Introduction to Linear Algebra

Hours and location: 9:30am-10:45am MW in Jackson Avenue Center 111

Instructor: Sandra Spiroff
Office address: Hume Hall 335
Office hours: Mon 11am-noon & 2:20pm-3:30pm; Wed 11am-noon; also by appointment
Office telephone number: (662) 915-5646
E-mail address: spiroff@olemiss.edu


Prerequisites: The prerequisite for this course is at least a C in Calculus II.

Course Goals: Our goals are to enable students to understand the concepts and rules of linear algebra, to develop problem solving skills, and to apply concepts and theories learned in class to solve some applications.

Syllabus:

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>SECTIONS</th>
<th>TOPICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
<td>1.1-1.8</td>
<td>Linear Equations in Linear Algebra</td>
</tr>
<tr>
<td>Chapter 2</td>
<td>2.1-2.3</td>
<td>Matrix Algebra</td>
</tr>
<tr>
<td>Chapter 3</td>
<td>3.1-3.3</td>
<td>Determinants</td>
</tr>
<tr>
<td>Chapter 4</td>
<td>4.1-4.6</td>
<td>Vector Spaces</td>
</tr>
<tr>
<td>Chapter 5</td>
<td>5.1-5.3</td>
<td>Eigenvalues and Eigenvectors</td>
</tr>
</tbody>
</table>

Calculator policy: An inexpensive scientific calculator will sometimes be allowed in Math 319. Graphing calculators and cell phone calculators are prohibited. No sharing of calculators will be allowed.

Examination policies: There will be three in-class written exams. Dates: Wednesday, February 13th; Wednesday, March 20th; and Wednesday, April 17th.

Final exam date: Wednesday, May 8th from 8:00-11:00am.

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 spiroff25046.

- 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: 20%, Tests: 20% ea., Final: 20%. NO MAKE-UP EXAMS WILL BE GIVEN, but your lowest test score will be replaced by the final exam score. Grades will be determined as follows. A: 100% - 93%, A-: 92%-90%, B+: 89%-87%, B: 86% - 83%, B-: 82%-80%, C+: 79%-77%, C: 76% - 73%, C-: 72%-70%, D: 69%-60%, and F: 59% - 0%.
**Holistic grade view:**
- An **A** is earned by an individual who has synthesized the course material, has demonstrated his/her knowledge, and has given full support to any claims made.
- A **B** is earned by an individual who has understood the majority of the topics and has presented the work correctly and in a clear manner.
- A **C** is earned by an individual who has understood just the basics and essentially does the minimum required.
- A **D** is earned by an individual whose work, to some extent, misses the point of the course or is poorly presented. Work that totally misses the point, in either understanding or presentation, earns an **F**.

**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. There will be no extra credit.
6. Each student is responsible for all work missed due to absences.
7. An “I” grade will not be given without the permission of the Department of Mathematics.
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. The student is required to take the final exam at the time scheduled.

**Withdrawals:** The deadline for withdrawal is Monday, March 4th. 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.

**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.

**Academic Honesty:** The following statement 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.