Syllabus - Math 319 – Fall 2017

Instructor: Dr. Bing Wei
Office: Hume 310
Office Hours: M, T, W, TH: 10:50 -11:45 AM or by appointments
Phone: 662-915-1250; E-mail: bwei@olemiss.edu
Text: Linear Algebra with Applications, 9th Edition, by Steven J. Leon (*Old editions are acceptable, but it is the student’s responsibility to refer
The latest edition for all assignments and sections covered. 9th edition will be put on reserve in the J.D. Williams Library)
Class Time: T, TH 1:00-2:15 PM
Location: Hume 113

Course contents and Goals:

This course covers Matrices and Systems of Equations, Vectors, Determinants, Introduction to Vector Spaces, Linear Transformations, Eigenvalues and Eigenvectors, and Diagonalization. We plan to cover Chapters 1, 2, 3, 4 and Sections 6.1-6.3. Upon successfully completing the course, students should be able to understand the concepts and methods in linear algebra, develop problem solving skills, and to apply concepts and theories learned in classes to solve certain application problems. We aim to prepare students for higher level courses and enhance their critical thinking and analytical reasoning abilities.

Grading Policy:

1. Three tests each counting 100 points (lowest one replaced by the final percentage).
2. Homework/quizzes will count 100 points.
3. The final examination is comprehensive and will count 150. The cumulative point total for the class is 550 points (300 points for tests, 150 points for the final, and 100 points for homework/quizzes)

Final grade: A: 93%–100%; A−: 90%–<93%; B+: 87%–<90%; B: 83%–<87%; B−: 80%–<83%; C+: 77%–<80%; C: 73%–<77%; C−: 70%–<73%; D: 60%–<70%; F: below 59%

Very Important:

1. If a test is missed for any reason, a grade 0 will be given. There will be NO make up test given for any reason other than official university functions.
2. No late homework/quizzes will be accepted.
3. An “I” grade will not be given without permission of the Department of Mathematics.
4. Students must show all work for each problem in a test or a quiz or a homework to arrive at a correct answer.
5. 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 7:30p.m. exam at another time. This is the only reason that a final exam may be rescheduled.
6. Every student must take the final exam at the time scheduled. The only exceptions are those students affected by 5 above.
Attendance Policy:

Students are allowed (3) absences. Ten points are deducted from the final point total for each absence above the limit. Students shall neither come into the class late nor leave early. Each student is responsible for all work missed due to absences.

Calculators: Graphing calculators, cell phones and ipods are prohibited on tests and quizzes.

Academic Need: It is the responsibility of any student with disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Contact will be made by the office through the student to the instructor of this class. The instructor will then work with the student so that reasonable accommodation of any disability can be made.

Academic Honesty:

Cheating: The following statement is the policy of 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.

Withdrawal Deadline Date for the 2017 Fall Semester: October 2, 2017. 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 the student is changing their major.

Special Dates: Labor Day Holiday: Monday, Sept. 4, 2017  
Thanksgiving Holiday: Monday, Nov. 20 - Friday, Nov. 24, 2017  
Last Day of Class: Friday, Dec 1, 2017  
First Test: September 19, 2017  
Second Test: October 17, 2017  
Third Test: November 14, 2017  
Final Exam: 12-3PM, Thursday, Dec. 7, 2017