

Syllabus - Math 301, Spring 2017
Discrete Mathematics

Instructor: Dr. Bing Wei
Office: Hume 310
Office Hours: M-Th 10:30-11:20am or by appointments
Phone/E-mail: 662-915-1250/bwei@olemiss.edu
Text: Mathematics: a discrete introduction (2nd edition)
by Edward Scheinerman
Class Time: T,Th: 2:30-3:45PM
Location: Hume 106

Contents: This is an introductory discrete mathematics course. We plan to cover elementary counting techniques, basic proof techniques including mathematical induction, relations and functions, and basic graph theory. Our goals are to enable students to understand some basic counting principles, learn direct and indirect proof techniques, understand basic concepts about relations, functions, and graph theory, and develop problem solving skills. We expect students to apply concepts and theories learned in class to solve some application problems. Math 301 will also prepare students for higher level courses and enhance critical thinking and analytical reasoning abilities.

Grading:

Three major tests each of which is 100 points.

The final examination is comprehensive and will be 150 points.

Homework and quizzes count 100 points

The lowest test score is replaced by the percentage on the final exam provided this percentage is higher.

The cumulative point total for the class is 550 points.

<u>Final Grade</u>	<u>Percentage of Points Necessary for Grade</u>
A	93% - 100%
A-	90% - <93%
B+	87% - <90%
B	83% - <87%
B-	80% - <83%
C+	77% - <80%
C	70% - <77%
D	60% - <70%
F	below 60%

VERY IMPORTANT:

1. If a test is missed for ANY reason, a grade of 0 will be given. There will be absolutely NO make up tests given for ANY reason.
2. The lowest of the four major test grades will be replaced by the exam percentage
3. Any student who will miss one of the four tests because of an official University function must reschedule and take this test at a time BEFORE the test is scheduled to be given. NO OTHER rescheduling will be allowed.
4. An "I" grade will not be given without the permission of the Department of Mathematics.
5. Students must show all work for each test question and arrive at a correct answer.

6. Any student having three or more final examinations scheduled for the same day will arrange with the instructor to take the 12 noon examination or the 7:30 p.m. examination on some other satisfactory date.

7. Every student must take the final exam at the time scheduled unless there is a University-sanctioned reason.

8. Students should use in 4 large 8 ½ by 11 inch blue examination books on the tests and final.

Calculators: An inexpensive scientific calculator is sufficient in Math 301. Graphing calculators and cell phones calculators are prohibited.

ELECTRONIC DEVICES: All cellular phones, pagers, and other electronic equipment should be turned off during the class period.

Cheating: The following statement is the policy of the Department of Mathematics in Math 301 regarding cheating:

Offenses: Cheating on any exam or quiz, theft or attempted theft of exam questions, possession of exam questions prior to the time for examination, or the use of an illegal calculator on tests or quizzes shall all be offenses subject to 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 FOR 2017 Spring SEMESTER: Friday, March 3, 2017. After the Course Withdrawal Deadline, courses dropped 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 F. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency as determined by the academic dean; dropping a course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student is changing his/her major.

ACADEMIC NEEDS: 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). Contact will then be made by that office through the student to the instructor of this class. The instructor will then work with the student so that a reasonable accommodation of any disability can be made.

Special Dates: Good Friday Holiday: April 14, 2017

Spring Break: Monday, Mar. 13 - Friday, Mar. 17, 2017

Last Day of Class: Friday, May 5, 2017

Final Exam: 4:00AM, Tuesday, May 9, 2017