Syllabus - Math 782 – Fall 2019

**Instructor:** Dr. Bing Wei  
**Office:** Hume 310  
**Office Hours:** M, T, W, TH: 10:50 -11:40 AM or by appointments  
**Phone:** 662-915-1250;  
**E-mail:** bwei@olemiss.edu  
**Text:** Introduction to Graph Theory, second Edition, by D.B. West  
**Class Time:** T, TH  9:30-10:45 AM  
**Location:** Hume 331

**Course contents and Goals:** In this course, we will introduce some basic concepts and useful methods in Graph Theory. We will focus on the first seven chapters. Our main goals are to enable the students to get familiar with the concepts and useful methods in Graph Theory and to develop their ability to solve both theoretical and practical problems by using the skills and methods learned in the class. Upon completion of this course, students are expected to be prepared for taking high level class, such as math 780 and for doing independent studies on some topics in graph theory.

**Grading Policy:** Class Participation 10%, Homework 20%, Tests: 40%, Final 30%

**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%

**Special Note:** Students shall neither come into the class late nor leave early. Each student is responsible for all work missed due to absences

**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 2019 Fall Semester:** October 7, 2019. 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. 2, 2019  
Thanksgiving Holiday: Monday, Nov. 26 - Friday, Nov. 30, 2019  
Last Day of Class: Friday, Dec 6, 2019  
First Test: Thursday, Oct 3, 2019  
Second Test: Tuesday, Nov. 19, 2019  
Final Exam: 8:00AM, Thursday, Dec. 12, 2019