

Syllabus - Math 780 – Spring 2017

Instructor: Dr. Haidong Wu
Office: Hume 316
Office Hours: M 3:15-4:15 PM, T 2:30-3:50 PM, W 2:15-3:45 PM or by appointments
Phone: 662-915-7416
E-mail: hwu@olemiss.edu
Class Time: M W 9:30-10:45 AM
Location: Hume 321

Course contents and Goals: In this course, we will cover topics in Graph Theory including Tutte Polynomials, Connectivity, Minors and Structural Graph Theory. Our goals are to enable the student to get familiar with new concepts and useful methods in Graph Theory, and to develop abilities to solve research problems by using the skills and methods learned in the class.

References: 1. Introduction to Graph Theory, 2nd Edition, by D. B. West
2. Bela Bollobas, Modern Graph Theory.

Grading Policy: Homework 30%, Presentation: 30%, Final Report 40%

Final Grade: The following point scale will be used to determine your final grade:

Grade	Percentage	Grade	Percentage
A	93%	C ⁺	77%
A ⁻	90%	C	70%
B ⁺	87%	D	60%
B	83%	F	below 60%

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 2017 Spring Semester: March 3, 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:

Spring Break: Monday, March 13 - Friday, March 17

Withdraw deadline: Friday, March 3, 2017

Good Friday: April 14, 2017

Classes end: Friday, May 5, 2017