

GRAPH THEORY

Mat 5932

Spring 1989

The good doctor Belenot is once again offering graph theory.

TR 2:00 - 3:15 pm 106 Love

(Mat 5932 is a variable credit class, you must sign-up for 3 hours of credit when registering).

Text:

Chartrand and Lesniak "Graphs & Digraphs"
2nd edition,

Prereq's: Graduate standing.

Topics

Graphs and digraphs, trees and connectivity, Euler and Hamilton tours, colorings, matchings, planarity, and Ramsey's Theorem. Applications.

A proof oriented class which assumes no previous exposure to graph theory, but that the students have some mathematical maturity.