

Mathematics Teaching Seminar

Speaker: Don Brower

Title: Taylor Polynomial and Approximations

Date: Tuesday, March 20, 2007

Time: 4:45 – 5:35 pm

Room: 231 Hayes - Healy Hall

Moderator: Brian Hall

Abstract: Since there are no other questions on the homework and the material we discussed last class, we are going to begin a new topic in Math 10360.

Today we introduce Taylor polynomials which give a way to approximate any function with polynomials. This is useful since polynomials are easy to work with and evaluate. We will find approximations to the exponential and sine functions.