

MTH 304/604

Spring 2005

Richard D. Carmichael

West Hall, Room 134
x-5357
722-8431

carmicha@wfu.edu

Text: Advanced Engineering Mathematics. 8th Edition. Erwin Kreyszig

Contents: Chapters 10 and 11 and selected material from Chapter 4. Fourier series; special functions; Sturm-Liouville problems; separation of variables for partial differential equations.

Tests: 2 hourly tests; homework sets.

Final grade: each question on each test and homework set counts as 1 point; the grade will be determined according to the total number of points accumulated.

Office hours: Monday and Wednesday, 2:30 – 4:00.