

Prerequisite and course description for M 5163 Partial differential equations

The following is the description on our math website about the course:

Prerequisite: 4163 or permission of instructor. First order equations, Cauchy problem for higher order equations, second order equations with constant coefficients, linear hyperbolic equations. (Sp)

I would suggest that students have taken our intro to analysis series (M4333-M4433) beside taking M4163. We will use L. Evans' book "Partial Differential Equations". We will cover Chapter 1-2, part of Chapter 3, Chapter 5-6 (possible part of Chapter 7 or Chapter 8).