



Middle East Technical University

DEPARTMENT of MATHEMATICS

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**Mathematics 583 “Partial Differential Equations”, Spring 2011.**

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**Lecture:** Monday 13:40–15:30 and Tuesday 12:40–13:30 in M-231.

**Office Hour:** Tuesday 13:40–14:30 in Z-33 and by appointment.

**Web Site:** The web site for this class is “<http://web.mst.edu/~bohner/pde-11/pde.html>”.

**Text:** “Partial Differential Equations” by Fritz John, Springer, fourth edition, fifth printing, 2005.

**Description:** First-order linear and quasilinear equations, hyperbolic equations, Cauchy problem, Cauchy–Kowalevski theorem, Laplace equation, Green’s functions, hyperbolic equations, parabolic equations, elliptic equations.

**Homework Assignments:** Homework assignments will be given to you. They will be graded by Mehmet Onur Fen, Z-46.

**Midterm Exam:** There will be one midterm exam on Monday, April 11, 13:40–15:30 in M-231.

**Final Exam:** The final exam is comprehensive and will be on Monday, May 23, 13:40–15:30 in M-231.