MCS 571: Numerical Methods for Partial Differential Equations
University of Illinois at Chicago, Fall 2010

1. Course Information

   Course title: Numerical Methods for Partial Differential Equations (4 hours)
   Time and Place: 9:00am–9:50am MWF; Room 121, Taft Hall (Lecture)

2. Personal Information

   Instructor: Professor David Nicholls
   Office: 1219 Science and Engineering Offices (SEO)
   Office hours: Wednesday, 3:00pm–4:00pm
   or by appointment
   Office phone: (312) 413–1641
   e-mail: nicholls@math.uic.edu

3. Textbooks

   Recommended books: Johnson, Numerical Solution of Partial Differential Equations by the Finite Element Method.
   Trefethen, Spectral Methods in MATLAB.

4. Course Grading

   Homeworks 100 %

5. Homework: There will be 5 homework sets. LATE HOMEWORKS WILL BE PENALIZED 10 % PER DAY LATE. They are due every third Friday (9/10, 10/1, 10/22, 11/12, 12/3) by 2pm.

6. Students with Disabilities

   Students with disabilities who require accommodations for access and participation in this course must be registered with the Office of Disability Services (ODS). Please contact ODS at (312) 413–2103 (voice) or (312) 413–0123 (TTY).