NAME & Places: (hometowns, etc)

Year & Programs: (4th year MATH/APMA, for example)

E-Mail (req) & Local Phone (opt):

Quantitative Courses: (term taken & text)

     linear algebra & diff. equations

     adv. calculus & analysis

     courses with computing

     other quant courses   (sciences, engineering, economics, etc)

Matlab & Maple – Experience: (yes/no)

Matlab & Maple – Access: (lab and/or home)

Other Computing Experience: (software, programming languages, web design)

Subjects of Interest: (specific areas of math, sciences, etc)

Mathematical Focus: rank in order of priority (1 = most, 3 = least)

    [   ] analysis/theory   [   ] applications   [   ] computing & graphics

Personal Course Objectives: goals for this class & future plans

Familiarity Scale: I know it ...

    5 ...in my sleep!

    4 ...after a bit of thinking

    3 ...should I see it in class again

    2 ...if I can wikipedia it

    1 ...vaguely from a previous exam question I couldn't answer

    0 ...huh?

   -7 ...is a subject to be avoided at all costs

Mathematical Topics: use above scale

- [ ] CALC: implicit (partial) differentiation

- [ ] CALC: multi-variable chain rule & change of variables

- [ ] CALC: multiple integrals

- [ ] CALC: theorems of Green & Stokes

- [ ] LIN ALG: solution methods for systems of linear equations

- [ ] LIN ALG: existence & uniqueness of solutions for systems of linear equations

- [ ] LIN ALG: matrix eigenvalues & eigenvectors

- [ ] ODEs: solution methods for 2nd-order linear ODEs

- [ ] ODEs: using initial conditions for 2nd-order linear ODEs

- [ ] ODEs: solution of linear ODE systems

- [ ] ODEs: eigenvalues & eigenfunctions

- [ ] SERIES: deriving Fourier series

- [ ] SERIES: solution of BVPs by Fourier series

- [ ] COMPLEX: complex exponential notation

- [ ] COMPLEX: complex contour integration

- [ ] COMPLEX: Fourier transform integrals