Course:	**Math 551—Numerical Methods**
Time:	Spring 2013, 12:30-1:45 TTh, JB 335
Instructor:	Tom DeLillo, JB 348, 978-3974 (office), 264-7806 (home)
Email:	delillo@math.wichita.edu
Web page:	http://www.math.wichita.edu/˜ delillo/ (some course info. here)
Office hours:	2:30-3:30 TTh, or by appointment

Text: Cleve Moler, *Numerical Computing with MATLAB*, Revised Reprint, SIAM, 2004. I recommend that you also buy the *Student Edition of MATLAB* from The Mathworks, http://www.mathworks.com/. MATLAB is also available on many computers on campus and can be accessed from off campus (instructions will be given soon).

Syllabus: Sec. 1.7, floating point arith., series, difference quotients, linear algebra review, 10.1–10.5 (eigenvalues and svd), norms, then Chap 2–8 of the text. More details and supplementary material will be given in notes posted on my webpage or on Blackboard.

Grading (approximate)

Written homework	100 points
MATLAB computer homework	100
Exam I	100
Final exam or possible project with presentation	<u>100</u>
	400 points total

Grading and homework: I usually "curve" the final grade distribution. I will assign grades in a reasonable manner and inform you of how you are doing relative to the rest of the class (e.g., via Blackboard). In general, I will have you hand in hard copies of your written homework and upload MATLAB mfiles of your programs and reports on Blackboard.

Attendance policy, etc.: Regular attendance is mandatory. I will pass around an attendance sheet during each class. Good attendance will count in your favor, if your grade is borderline. If you fall behind or have other problems with the class, please contact me *as soon as possible.* Turning in homework late, missing class, or missing exams for any reason is highly discouraged and may result in lowering of your grade. I will try to be helpful if you have special difficulties.

Important dates:
    Spring break: 3/18–3/24.
    Last day to drop with a "W": 4/5.
    Last day of classes: 5/9.
    Final exam: Thursday 5/16, 10:00-11:50 AM, in classroom.