Practical Introduction to Programming for Scientists

* No final exam, class project due during finals week
* Homework each class, due the following class
* Since some people won't have Blackboard access, all class info will be at:

http://blake.bcm.edu/emanwiki/LectureVideo/IntroProgramming12

Syllabus (likely to change)

Jan 5 - Introduction, get Python working (out of town)
Jan 9 - Program flow, strings, lists, data types
Jan 12 - Simple programs, Reading/writing files
Jan 16 - BCM Holiday
Jan 19 - Representation of Numbers
Jan 23 - Object Oriented Programming
Jan 26 - Image Processing
Jan 30 - Numerical Processing/Plotting
Feb 2 - Web Server, HTML, XML
Feb 6 - guest lecture
Feb 9 - Networking
Feb 13 - GUI Programming
Feb 16 - Regular Expressions/Parsing
Feb 20 - BCM Holiday
Feb 23 - Databases

Feb 27 (?) - presentation of class projects

If you plan on taking the class, formally or informally, please email me right away with the following information:

Subject: Introduction to Programming
- Your name
- Your institution if not BCM
- Are you:
        - taking the class for credit
        - auditing
        - informally auditing (no mechanism exists for you to audit)
- Grad student, postdoc, staff ?
- How much programming background do you have
- Not required, but if you don't mind sending a photo, it would help me learn your names.