

# MAE 107

Summer Session II 2009

## Class Schedule

- Monday, August 3: I. Introduction to scientific computing (1) – Introduction to Matlab
- Wednesday, August 5: I. Introduction to scientific computing (2) – Programming with Matlab
- Monday, August 10: II. Numerical solutions of systems of linear equations – **Quiz #1**
- Wednesday, August 12: III. Inverting matrices – IV. Iterative methods.  
*Homework #1 due*
- Monday, August 17: V. Root-finding methods and non-linear equations – **Quiz #2**
- Wednesday, August 19: VI. Interpolation – **Midterm Exam**  
*Homework #2 due*
- Monday, August 24: VII. Integration – **Quiz #3**
- Wednesday, August 26: VIII. Differentiation – IX. Ordinary Differential Equations (1)  
*Homework #3 due*
- Monday, August 31: IX. Ordinary Differential Equations (2) – **Quiz #4**
- Wednesday, September 2: X. Regression – Review Session  
*Homework #4 due*
- Friday, September 4: **Final Exam**