Math 4401
Numerical Analysis
Syllabus
Spring, 2014
Tim Olson, Professor

Topics:
1. Solution finding methods
2. Interpolation theory
3. Approximation theory
4. Numerical Differentiation
5. Numerical Integration
6. Numerical Solution of ODE’s

Suggested Books:
- An introduction to Numerical Analysis, Kendall E. Atkinson

Grading Policy
- Three tests worth 20 %
- Two project worth 20 %
- The final will be optional, to make up for deficiencies of former work
- Grading will be 90, 80, 70 % etc.

Honesty and Honor Code: Students should be aware of the honor code of the university and must behave appropriately