

Proposed Schedule (subject to change)  
MATH 4257/5257

Monday	Wednesday
8/26 Course Introduction Why does one need Numerical Analysis? Chapter 1	8/28 Basic Introduction to Matlab Chapter 2
9/2 No class – Labor Day	9/4 More Matlab Chapter 3
9/9 More Matlab Chapter 3	9/11 More Matlab Chapter 3
9/16 Group Class Assignment	9/18 Group Class Assignment
9/23 Numerical Errors Chapter 4	9/25 Numerical Errors Chapter 4
9/30 Finding Roots Chapters 5 & 6	10/2 Finding Roots Chapters 5 & 6
10/7 Finding Roots Chapters 5 & 6	10/9 Optimization Chapter 7
10/14 No class – Fall Break	10/16 Review
10/21 Midterm	10/23 Interpolation Chapter 17
10/28 Interpolation Chapter 17	10/30 Interpolation Chapter 18
11/4 Interpolation Chapter 18	11/6 Numerical Integration Chapters 19 & 20
11/11 Numerical Integration Chapters 19 & 20	11/13 Numerical Integration Chapters 19 & 20
11/18 Numerical Differentiation Chapter 21	11/20 Ordinary Differential Equations Chapters 22-24
11/25 Ordinary Differential Equations Chapters 22-24	11/27 Ordinary Differential Equations Chapters 22-24
12/2 Ordinary Differential Equations Chapters 22-24	12/4 Review
12/9 Final Exam: 1:20-3:20	