

FALL 2016 SEMESTER SCHEDULE		
Week 1	Wednesday, August 31, 2016	Introduction
	Friday, September 2, 2016	MATLAB Tutorial (Chapter 2)
Week 2	Monday, September 5, 2016	Labor Day
	Wednesday, September 7, 2016	MATLAB Tutorial (Chapter 3)
	Friday, September 9, 2016	Error (4.1 - 4.3)
Week 3	Monday, September 12, 2016	Error (4.4 - 4.6)
	Wednesday, September 14, 201	Roots (5.1 - 5.3)
	Friday, September 16, 2016	Bracketing (5.4 - 5.6)
Week 4	Monday, September 19, 2016	Fixed Point + Newton-Raphson (6.1 - 6.2)
	Wednesday, September 21, 201	Secant + Brent (6.3 - 6.4)
	Friday, September 23, 2016	More Roots (6.5, 6.7)
Week 5	Monday, September 26, 2016	Optimization (7.1 - 7.3)
	Wednesday, September 28, 201	Gradient Descent
	Friday, September 30, 2016	Matrices (8.1 - 8.2)
Week 6	Monday, October 3, 2016	Gaussian Elimination (9.1 - 9.2)
	Wednesday, October 5, 2016	More Gaussian Elimination (9.3 - 9.4)
	Friday, October 7, 2016	FALL BREAK
Week 7	Monday, October 10, 2016	LU Factorization (10.1 - 10.2)
	Wednesday, October 12, 2016	Cholesky Factorization (10.3)
	Friday, October 14, 2016	Matrix Inverse (11.1)
Week 8	Monday, October 17, 2016	Matrix Condition (11.2 - 11.3)
	Wednesday, October 19, 2016	Iterative Methods (12.1 - 12.3)
	Friday, October 21, 2016	Eigenvalues & Eigenvectors (13.1 - 13.2)
Week 9	Monday, October 24, 2016	The Power Method and "eig" (13.3 - 13.5)
	Wednesday, October 26, 2016	Singular Value Decomposition
	Friday, October 28, 2016	Statistics and Linear Regression (14.1 - 14.3)
Week 10	Monday, October 31, 2016	Linearizing Relations (14.4 - 14.5)
	Wednesday, November 2, 2016	Polynomial & Multiple linear Regression (15.1-15.
	Friday, November 4, 2016	Polynomial Interpolation (17.1 - 17.2)
Week 11	Monday, November 7, 2016	Splines (18.1 - 18.2)
	Wednesday, November 9, 2016	Numerical Integration (19.1-19.2)
	Friday, November 11, 2016	Trapezoidal & Simpson Rule (19.3-19.4)
Week 12	Monday, November 14, 2016	Romberg Integration (20.1-20.2)
	Wednesday, November 16, 2016	Gauss Quadrature (20.3)
	Friday, November 18, 2016	Numerical Differentiation (21.1 - 21.2)
Week 13	Monday, November 21, 2016	More Derivatives (21.3 - 21.4)
	Wednesday, November 23, 2016	And more Derivatives (21.5 - 21.7)
	Friday, November 25, 2016	THANKSGIVING
Week 14	Monday, November 28, 2016	Initial-Value Problems (22.1 - 22.3)
	Wednesday, November 30, 2016	Runge-Kutta Methods (22.4)
	Friday, December 2, 2016	Systems of DE's (22.5)

Week 15	Monday, December 5, 2016	Boundary Value Problems (24.1-24.3)
	Wednesday, December 7, 2016	Presentations I
	Friday, December 9, 2016	Presentations II
Week 16	Monday, December 12, 2016	Presentations III