Week 1 Friday, January 7		Introduction and overview
Week 2 Monday, January 10 Wednesday, January 12 Friday, January 14		1.1 Examples; 1.2 Objectives of Time Series Analysis1.3 Some Simple Time Series Models1.4 Stationary Models and the ACF
Week 3 Monday, January 17 Wednesday, January 19 Friday, January 21		1.5.1 Estimation and Elimination of Trend1.5.2 Estimation and Elimination of Trend and Seasonality1.6 Testing the Estimated Noise Sequence
Week 4 Monday, January 24 Wednesday, January 26 Friday, January 28	Assign #1 Due	2.1 Basic Properties of Stationary Processes 2.2 Linear Processes 2.3 Introduction to ARMA Processes
Week 5 Monday, January 31 Wednesday, February 2 Friday, February 4		2.4 Properties of the Sample Mean and the ACF2.5 Forecasting Stationary Time Series2.5 Forecasting Stationary Time Series (continued)
Week 6 Monday, February 7 Wednesday, February 9 Friday, February 11	Assign #2 Due	2.6 The Wold Decomposition and EXERCISES 3.1 ARMA (p,q) Processes 3.2 The ACF and PACF of an ARMA (p,q) Process
Week 7 Monday, February 14 Wednesday, February 16 Friday, February 18	Assign #3 Due	3.3 Forecasting ARMA Processes 5.1.1 Yule-Walker Estimation; 5.1.2 Burg's Algorithm 5.1.3 Innovations Algorithm; 5.1.4 Hannan-Rissanen Algorithm

Week	8

Monday, February 21 NO CLASS Wednesday, February 23 NO CLASS Friday, February 25 NO CLASS

Week 9

Monday, February 28 5.2 Maximum Likelihood Estimation

Wednesday, March 2 5.3 Diagnostic Checking

Friday, March 4 5.4 Forecasting

Week 10

Monday, March 7 5.5 Order Selection

Wednesday, March 9 6.1 ARIMA Models for Nonstationary Time Series

Friday, March 11 Assign #4 Due 6.2 Identification Techniques

Week 11

Monday, March 14
6.3 Unit Roots in Time Series Models
Wednesday, March 16
6.4 Forecasting ARIMA Model
Friday, March 18
6.5 Seasonal ARIMA Models

Week 12

Monday, March 21 6.6 Regression with ARMA Errors

Wednesday, March 23 NO CLASS (SSP) Friday, March 25 NO CLASS

Week 13

Monday, March 28 Assign #5 Due Introduction to Complex Analysis Wednesday, March 30 Introduction to Fourier Analysis

Friday, April 1 4.1 Spectral Densities

Week 14

Monday, April 4 4.2 The Periodogram

Wednesday, April 6 4.3 Time Invariant Linear Filters

Friday, April 8 4.4 The Spectral Density of an ARMA Process

Week 15

Monday, April 11 Spectral Analysis of Stationary Time Series
Wednesday, April 13 Assign #6 Due Course Evaluations; Distribution of Final Exam