

# Computer Science 445/545

MW 1:00-2:15 p.m., AKW000

## Office Hours

Instructor: V. Rokhlin  
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Office Hours: MW 2:30-3:30pm

Teaching Assistant: K. Serkh  
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Office Hours: MW 12:00-1:00pm

## Text and Reference Books

Textbook:

*The Elements of Statistical Learning: Data Mining, Inference, and Prediction*, Trevor Hastie, Robert Tibshirani, Jerome Friedman, Second Edition, Springer.

Other useful reference books:

*Learning with Kernels*, B. Schölkopf, A.J. Smola,  
*Numerical Methods*, G. Dahlquist, A. Björk,  
*Pattern Recognition and Machine Learning*, C.M. Bishop, Springer.

## Prerequisites

Knowledge of elementary calculus, linear algebra, is required. Students should also know/learn how to program in FORTRAN or C.

## Grading

4 or 5 Problem sets (100%).