

**Applied Statistics II (SM339)**  
**U.S. Naval Academy**  
**Fall 2004**

**Dr. G. Fowler**

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**Text**

J.L. Devore, *Probability and Statistics for Engineering and the Sciences*, sixth edition, Duxbury (2004).

**Software**

MATLAB

**Schedule**

Aug. 24 – Sept. 2: Review SM239  
Sept. 7 – Sept. 14: Two populations (means and proportions)  
Sept. 16 – Sept. 28: ANOVA  
Sept. 30 – Oct. 28 Regression  
Nov. 2 – Nov. 4: Permutation tests  
Nov. 9 – Nov. 16: Resampling  
Nov. 18 – Dec. 2: Time series

**Grading**

Midterm 20%  
Three projects 20% each  
Final exam 20%