

ECE 438 Digital Signal Processing

Week 11: Discrete-Time Random Processes (Week 2)

Date _____

Section ____

Name	Sign	Time spent outside lab
[%]		
[%]		

Grading Rubric (Spring 2020)

	below expectations	lacks in some respect	meets all expectations
Completeness of the report			
Organization of the report <i>One-sided, with cover sheet, answers are in the same order as questions in the lab, copies of the questions</i>			
Quality of figures <i>Correctly labeled with title, x-axis, y-axis, and name(s)</i>			
Understanding of correlation coefficient for 2 random variables (30 pts) <i>Derivation, numerical estimates, scatter plots, questions</i>			
Understanding of autocorrelation for filtered random processes (35 pts) <i>Derivation, scatter plots, autocorrelation plots, matlab code, questions</i>			
Understanding of correlation of two random processes (35 pts) <i>Cross-correlation plot, matlab code (CorR), signal plots, auto and cross correlation plots of signals, questions</i>			