

ECE 438 Digital Signal Processing

Week 9: Discrete-Time Random Processes (Week 1)

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 random variables and linear transformations (35 pts) <i>Plots, sample means and variances of X and Y, derivation of mean and variance of Y, transformation and pdf of Y, matlab code, questions</i>			
Understanding of CDF estimation (20 pts) <i>Matlab code and plots</i>			
Understanding of generating samples from a given distribution (20 pts) <i>Derivation of transformation, matlab code, plots</i>			
Understanding of PDF estimation (25 pts) <i>Plots, questions</i>			