

# ECE 438 Digital Signal Processing

## Week 2: Discrete-Time Systems

August 27, 2019  
Section #

Name \_\_\_\_\_ Sign \_\_\_\_\_

Name \_\_\_\_\_ Sign \_\_\_\_\_

### Grading Rubric (Fall 2019)

	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</i>			
Quality of figures <i>Correctly labeled with title, x-axis, y-axis, and name(s)</i>			
Ability to process given signals (20 pts) <i>Import signal, plot signal, filter signal</i>			
Understanding and ability to implement difference equations (60 pts) <i>Draw system diagram, calculate impulse response, find inverse system answer 'discuss/explain' questions</i>			
Ability to test for linearity and time-invariance of systems (20 pts) <i>Supporting plots with clear indication of the proof</i>			