

# ECE 438 Digital Signal Processing

## Week 13: Image Processing (Lab 10a)

Date \_\_\_\_\_

Section \_\_\_\_

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

### 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, copies of the questions</i>			
Quality of figures <i>Correctly labeled with title, x-axis, y-axis, and name(s)</i>			
Ability to process images with simple operations (15 pts) <i>Output images, question</i>			
Understanding of pixel distribution and linear transformation (25 pts) <i>Output images, histograms, code(pointTrans), questions</i>			
Understanding of gamma correction (15 pts) <i>Output image, code(gammCorr), questions</i>			
Understanding of image smoothing and sharpening (45 pts) <i>Output images, codes(gaussFilter, medianFilter), frequency response, questions</i>			