

# ECE 438 Digital Signal Processing

## Week 12: Speech Processing (Lab 9a)

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 differences between voiced/unvoiced segments(30 pts) <i>Matlab plots and code(zero_cross), questions</i>			
Understanding and implementation of short-time DTFT (30 pts) <i>Matlab plots and code(DFTwin), questions</i>			
Understanding and implementation of spectrogram (40 pts) <i>Matlab plots and code(specgm), questions, formant estimates</i>			