

ECE4703 Laboratory 2 Grade Sheet

Student Names & Box #:

Please staple this gradesheet to the back of your report for grading.

Lab Signoff (75 pts. max)

Requirement	Maximum Points	Points Received
Team able to demonstrate magnitude response, phase response, and impulse response of their DTMF filters in Matlab	10	
Team able to demonstrate real-time operation of floating point DTMF filters (magnitude response as well as ability to separate low/high tones)	15	
Team able to demonstrate real-time operation of fixed-point DTMF filters with 16-bit coefficients	15	
Team able to demonstrate real-time operation of fixed-point DTMF filters with 6-bit coefficients	15	
Team able to explain scaling considerations in fixed point filter implementations	10	
Team can explain profiling results for floating point versus fixed point	10	

Lab Report (50 pts. max)

Test	Maximum Points	Points Received
Introduction	5	
Background and methods	5	
Solution	10	
Results	15	
Conclusion	5	
Code documentation	4	
References	2	
Overall clarity, appearance, grammar, and spelling	4	