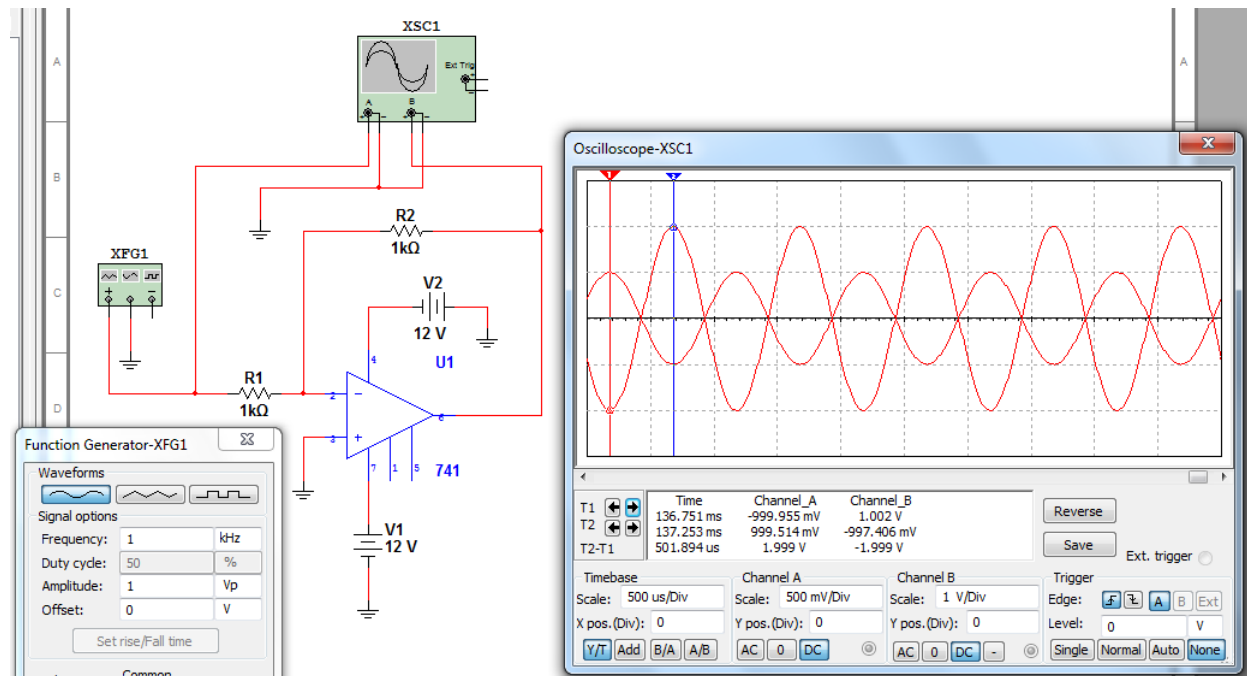


## Prelab 2

Name

June 8, 2016

### Part 1 - inverting op-amp

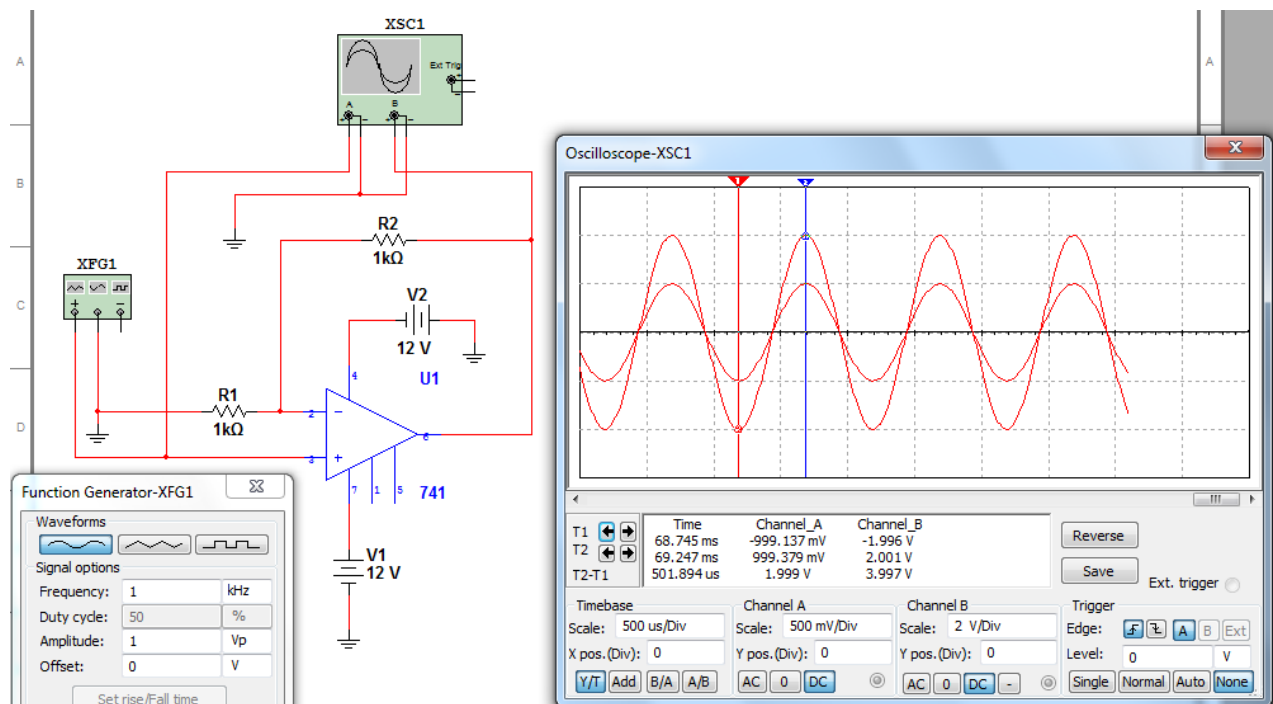


**Figure 1.** Inverting op-amp circuit diagram with input and output waveforms

**Table 1.** Simulation results for inverting op-amp

$V_{in_{pp}}$ (V)	$R_{in}$ (k $\Omega$ )	$R_f$ (k $\Omega$ )	$V_{out_{pp}}$ (V) Oscilloscope	Gain	$V_{out_{pp}}$ (V) Volt meter
2	1	0.5			
		1			
		2			
		3			
		4			

## Part 2 – non-inverting op-amp



**Figure 2.** Non-inverting op-amp circuit diagram with input and output waveforms

**Table 2.** Simulation results for non-inverting op-amp

$V_{in_{pp}}$ (V)	$R_{in}$ (k $\Omega$ )	$R_f$ (k $\Omega$ )	$V_{out_{pp}}$ (V) Oscilloscope	Gain	$V_{out_{pp}}$ (V) Volt meter
2	1	0.5			
		1			
		2			
		3			
		4			