

## Physics 112 – Experiment Seven

### Impedance and Reactance

---

C = 0.1  $\mu$ F

L = 10 mH

R = 1 K $\Omega$

Frequency (KHz)	$\Delta t$	$2\pi f \Delta t$	$\Phi$ (in degrees)
0.1			
0.3			
0.5			
0.7			
1.0			
3.0			
4.0			
4.5			
5.0			
5.5			
6.0			
7.0			
10			
15			
20			
30			