

**PHYSICS 232 LAB: EXPERIMENT # 5 Capacitance**

**STUDENT**   
**STUDENT**

**LAB SECTION**

**DATA: Enter all measurements in SI units**

Known Capacitor  $C_0$  ( $\mu\text{F}$ )

	Capacitor ( $\mu\text{F}$ )	$V_1$ (V)	$V_2$ (V)
enter value $\Rightarrow$			
enter value $\Rightarrow$			
enter value $\Rightarrow$			
enter value $\Rightarrow$			
enter value $\Rightarrow$			
	A		
	B		
	C		
	Circuit a		
	Circuit b		
	Circuit c		
	Circuit d		

**Student Results: enter all values in SI units**

Capacitor	Measured Cap ( $\mu\text{F}$ )	% Error
0		
0		
0		
0		
0		

Capacitor	Measured Cap ( $\mu\text{F}$ )	Calculated Cap ( $\mu\text{F}$ )	% Difference
A			
B			
C			
Circuit a			
Circuit b			
Circuit c			
Circuit d			

**Computer Results**

Capacitor	Measured Cap ( $\mu\text{F}$ )	% Error
0		
0		
0		
0		
0		

Capacitor	Measured Cap ( $\mu\text{F}$ )	Calculated Cap ( $\mu\text{F}$ )	% Difference
A			
B			
C			
Circuit a			
Circuit b			
Circuit c			
Circuit d			