Single Diode in Series with a Resistor: Sinusoidal Input Potentials vs. Time 8.0 **Diode Potential** 0.6 **Resistor Potential** 0.4 Measured Potential (V) 0.2 0.0 -0.2 -0.4-0.6-0.8-1.0<u>L</u> 200 400 600 800 1000 Time (arbitrary)