

Physics 221

Physics Lab for Science and Engineering I

Prelab: Measurement and Uncertainty

1) What is the objective of this experiment?

2) Suppose we want to calculate the perimeter of a circle with radius:

$$r = 2.00 \text{ m} \pm 0.01 \text{ m}$$

Calculate the perimeter of the circle including uncertainty from the “Half Max-Min” Method.

3) Shade in the range of values corresponding to the range of uncertainty in your calculation.

MEASUREMENT OF: Perimeter of Circle

