SPH3U UNIVERSITY PHYSICS

REVIEW: MATH SKILLS

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Using a Vernier Caliper

Vernier calipers are precision measuring instruments used to make accurate measurements. The bar and movable jaw are graduated on both sides, one side for taking outside measurements and the other side for inside measurements. Vernier calipers are available in metric and in inch graduations, and some types have both scales. Digital models are also available.



Using a Vernier Caliper

NOTE!

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When using high-precision instruments, such as the vernier caliper or outside micrometer caliper, it is necessary to check the zero setting before taking a reading. If, for example, the instrument is supposed to read 0.000 cm but instead reads 0.002 cm, the error must be taken into consideration with each reading.







3UR - Measuring & Estimating

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