

Unit: **Measurements and Math Skills**

The following study guide gives the reading assignments, the problems subsequent to the reading, worksheets, labs, quizzes, and tests you should be able to master after the readings and lecture. The approximate dates of when all the assignments should be done is listed but may change with the ever-changing schedule at the Rock.

<u>Date</u>	<u>TodaDay's Work</u> (for the date listed)	<u>Assignment</u> (prob's/worksheets) (due the next day unless otherwise stated)
Mon. Aug 18	Class Syllabus	read pp. Appendix A 2-3 (Scientific. Not.) and Sec 1.6: 26 - 29
Tues. Aug 19	Scientific Notation and Significant Figures (Handout)	Worksheet (Unit: math skills with Significant Figures), #'s 1-5, plus p.35 1.52-1.53, 1.60-1.65
Wed. Aug 20	Exact numbers, calculations with sig. figs. and rounding	Worksheet #'s 6-15, p. 35 1.54-1.58a, 1.68-1.69
Thurs. Aug 21	Lab Checkout & Safety	Safety Rules; Worksheet #'s 16-25
Fri. Aug 22	Safety Quiz Finish sig. figs, dealing with units in calculations	Read 1.4 pp 12-16 Quiz sig figs and sci. not.
Mon. Aug 25	Quiz sig figs & sci. not. Problem solving Intro to SI Units	Read sec 1.5, pp. 16-20; plus Metric Worksheet #'s 1-15; then pp. 34, 1.28-1.31 & 1.34-1.35
Tues. Aug 26	Metric Units and metric conversions	metric conversion worksheet 16-30
Wed. Aug 27	Metric conversion wkst	Read pp 20-1 (Density) Worksheet #'s 36-40 pp. 34: 1.38-1.41
Thurs. Aug 28	go over problems cont. Metric system Density	Misc. problems on metric & Density
Fri. Aug 29	Finish metric and density Preview <u>Metrics Lab</u>	Quiz on Metric and Density Wednesday Read Lab sheet
Tues. Sept 2	<u>Metrics Lab</u>	Lab due Fri. Sept 4
Wed. Sept 3	Quiz: Metric Conversion Begin Review	Work on Review sheet

Fri.