

I. ASSIGNMENTS:

- A. Read and study all of chapter 9.
- B. Do all of the review and practice problems within the reading.
- C. Do the following problems on pages 228-231: 6, 7, 8, 10, 13, 15, 16, 18, 24, 27, 34, 37, 42, and 55.

II. UNIT OBJECTIVES: See page 201 of the text.

III. SCHEDULE OF CLASSROOM ACTIVITIES:

1. Introductory remarks concerning chapter 9 as well as BALANCING EQUATIONS will be discussed. A worksheet will be handed out and will be due later. Experiment 9-1 "The Synthesis of an Aqueous-Based Ferrofluid and the Determination of the Optimum Mole Ratio Between Its Reactants" will be distributed.
2. Do Experiment 9-1.
3. Continue the discussion of chapter 9. Be sure to have read through section 9-7 before coming to class. A second worksheet on balancing equations will be issued.
4. Do Experiment 9-2 "Copper-Silver Nitrate Reaction". After all data has been recorded in your data table, a lab report form will be issued.
5. Do Experiment 9-3, "Conservation of Mass During a Chemical Reaction". After all data has been recorded, a lab report form will be issued.
6. Discussion will focus upon classifying chemical reactions. Be sure to have read through section 9-12, and a review sheet on this material will be issued.
7. Writing ionic equations will be discussed and problem solving time will be provided.
8. Test chapter 9.