Introductory Chemistry Chemistry 110 Section: D100 Term: 2003 Fall Instructor: Lecturer: Dr.M. Eikerling. Room: C-9034. Phone: 291-4463. Discussion Topics: General Course Description: General fundamental concepts and nomenclature; stoichiometry and chemical calculations; nuclear and atomic structures, the periodic table, the chemical bond; the properties of gases, liquids, solids and solutions; chemical kinetics and chemical equilibrium. This course has the same lecture component as Chem 111 but no laboratory work. 3 hours/week lecture; 1 hour/week tutorial; 0 hours/week laboratory. Lectures Topics 1 Units, measurements, Significant Figures 3 Basic concepts; Matter, Atoms, Nucleus 3 Electronic structure, the Periodic Table 3 Ionic and Covalent Bonding 1 Chemical Nomenclature

3 Stoichiometry

4 The Mole, Chemical Formula Reactions and Equations

Midterm I

Introductory Chemistry

