FORDHAM UNIVERSITY
DEPARTMENT OF CHEMISTRY
LECTURE SCHEDULE-SUMMER
CHRU 1321 General Chemistry I - Dr. M. Shoja

COURSE DESCRIPTION: (3-hour lecture and 1-hour recitation) A course covering the fundamental laws and theories of chemistry including chemical equations, atomic structure, gas laws and chemical bonding.

Ch.1. Chemistry and Measurement
HW: 40, 52, 56, 58, 62, 96, 102, 122, 126

Ch.2 Atoms, Molecules, Ions
HW: 54, 66, 76, 78, 80, 86, 112, 124, 146

Ch.3 Calculations with Chemical Formulas and Equations
HW: 40, 44, 64, 66, 84, 94, 98, 104

Ch.4 Chemical Reactions
HW: 38, 46, 52, 58, 64, 66, 72, 78, 80, 94, 148

Ch.5 The Gaseous State
HW: 52, 64, 68, 76, 80, 88, 98, 100, 120

Ch.6 Thermochemistry
HW: 50, 66, 70, 74, 76, 82, 108, 118

Ch.7 Quantum Theory of the Atom
HW: 38, 44, 52, 62, 64, 68, 70, 108

Ch.8 Electron Configurations and Periodicity
HW: 42, 48, 50, 62, 66, 102, 110

Ch.9 Ionic and Convalent Bonding
HW: 44, 50, 58, 64, 70, 72, 86, 104, 106

Ch.10 Molecular Geometry and Chemical Bonding Theory
HW: 40, 44, 54, 62, 70, 76, 80, 100


EXAMS: Every Monday at 9:00 am

FINAL EXAM: Last day of lecture (STANDARD AMERICAN CHEMICAL SOCIETY)

EXAM GRADE: Your final grade is based on the first four exams or any combinations of the four exams and the final. Grade point average of 90 and above is an "A"