LABORATORY SCHEDULE

TEXT: NYU Laboratory Manual for CHEM-UA-120

SEPT 08  CHECK IN

SEPT 15  BASIC LABORATORY TECHNIQUES read pp7-25, Do parts A-E

SEPT 22  SOLUBILITY OF A SALT pp69-77

SEPT 29  IDENTIFYING CATIONS IN SOLUTION pp219-231

OCT 06  IDENTIFYING ANIONS IN SOLUTION pp233-243

OCT 13  IDENTIFICATION OF COMPOUNDS BY PHYSICAL PROPERTIES pp57-68

OCT 20  CHEMICAL REACTIONS AND EQUATIONS pp197-205
         PART A p198 DEMO ONLY! DO PARTS B-E

OCT 27  ENERGY AND CALORIMETRY pp27-33, Do parts A & B

NOV 03  ENERGY AND STATES OF MATTER  pp45-55

NOV 10  RATES OF CHEMICAL REACTIONS-THE IODINE CLOCK
         READ PP213-218 DO PART 2 THE IODINE CLOCK REACTION
         ON PAGE 213, USE THE WORKSHEET ON PAGE 216

NOV 17  ACID-BASE TITRATIONS READ pp159-168, DO PART A STANDARD
         TITRATION OF A STRONG ACID, USE p164 WORKSHEET

NOV 24  THANKSGIVING

DEC 01  OPTIONAL EXPERIMENT

DEC 08  CHECKOUT

THE OPTIONAL EXPERIMENT CAN BE USED AS A SUBSTITUTE FOR A MISSED EXPERIMENT.
ADDITIONAL MISSED EXPERIMENTS WILL COUNT AS ZERO UNLESS DOCUMENTED
MEDICAL EVIDENCE IS PROVIDED. PLEASE ARRIVE TO CLASS ON TIME. AT THE
BEGINNING OF THE PERIOD, BRIEFINGS ON EXPERIMENTAL PROCEDURE OR SAFETY ARE
USUALLY GIVEN. MISSING THESE COULD CAUSE A STUDENT TO WORK UNSAFELY, OR
INCORRECTLY, OR THE STUDENT MAY RUSH TO FINISH HAVING LESS TIME IF
SIGNIFICANTLY LATE. FOR THESE REASONS, LATE STUDENTS MAY INCUR POINT
PENALTIES, OR VERY LATE STUDENTS, MAY NOT BE ALLOWED TO DO THE EXPERIMENT
IF IT IS FELT THAT A “RUSH JOB” COULD RESULT IN AN UNSAFE SITUATION.