FLORIDA INTERNATIONAL UNIVERSITY
DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY
SURVEY OF CHEMISTRY

INSTRUCTOR: Dr. Konstantinos Kavallieratos, Associate Professor
OFFICE: University Park Campus, Chemistry & Physics, CP 326
CONTACT: PHONE: (305) 348-6034 EMAIL: kavallie@fiu.edu
Website: http://www.fiu.edu/~kavallie

CLASS: Mondays and Wednesdays 3:30-5:15 pm
OFFICE HOURS: Mondays and Wednesdays 2:30-3:30 pm or by appointment

CLASS WEBSITE (REQUIRED): http://www.fiu.edu/~kavallie/CHM1033.htm Please visit regularly. The class website will include required information about the class, such as daily notes, additional homework information for extra credit and practice, and news/updates for the class.

OTHER OPTIONAL REQUIREMENTS: Wiley Plus access, which is included with the book at the bookstore will provide opportunities for extra credit quizzes: Visit and login as a student with the code provided with your book https://edugen.wiley.com/edugen/secure/index.uni

BOOK'S WEBSITE: http://www.wiley.com/college/raymond
PRE-REQUISITES: Second Year of High School Algebra or College Algebra
IMPORTANT: This course does NOT satisfy the chemistry requirements for science majors.

PURPOSE OF THE COURSE
This course is a special course designed for the nursing students. The course gives an overview of the foundations of inorganic chemistry including the periodic table and the general properties of the elements; organic chemistry includes naming of functional groups, their properties and reaction; and the study of biomolecules such as carbohydrates, lipids and proteins.

COURSE OUTLINE
Chapters will be covered in order. Outline for the semester will be as follows: Exam dates are given below and are considered FINAL: The final grade will be based on the average of three non-cumulative exams and you have to take all the exams. No make-up exams will be given

Chapter 1: Science and Measurement
Chapter 2: Atoms and Elements
Chapter 3: Compounds
Chapter 4: An Introduction to Organic Chemistry
FIRST EXAM (Wednesday May 28th)
Chapter 5: Gases, Liquids, and Solids
Chapter 6: Reactions
Chapter 7: Solutions, Colloids, and Suspensions
Chapter 8: Lipids and Membranes
SECOND EXAM (Monday July 7th)
Chapter 9: Acids, Bases, and Equilibrium
Chapter 10: Carboxylic Acids, Phenols, and Amines
Chapter 11: Alcohols, Ethers, Aldehydes, and Ketones
Chapter 12: Carbohydrates
Chapters 13 & 14: Peptides, Proteins, and Enzymes, Nucleic Acids
THIRD EXAM (Wednesday August 6th)
CLASS BEHAVIOR:
Class attendance is not mandatory but strongly recommended. There is a direct correlation between class attendance and class performance. If you choose to come to class, you will be expected to behave properly. Disruptions and side-conversations are not allowed. Absolutely no cell phones, iPods, laptops, or any other listening devices will be allowed to be used during the class.

OUR CLASS WEBSITE:  http://www.fiu.edu/~kavallie/CHM1033.htm
PLEASE VISIT IT REGULARLY FOR IMPORTANT ANNOUNCEMENTS, DAILY NOTES, and LINKS TO EXTRA CREDIT AND HOMEWORK PRACTICE TESTS.

ONLINE QUIZZES FOR EXTRA CREDIT
There will be computer quizzes given for extra credit and practice for each chapter. Visit https://edugen.wiley.com/edugen/secure/index.uni and login as a student. Students must complete and submit them promptly if you would like to receive extra credit for the class. Quizzes will only be available during specific limited times. Deadlines for the chapters will be announced as we move along, but all the material related to each exam must be completed before taking the exam to get any credits. You can attempt to answer the quizzes up to a maximum of three times. Once you access a quiz, it must be answered and submitted. This is an excellent way to practice for the format and style of exams that will be given.

EXAMS:  PICTURE ID IS REQUIRED TO TAKE THE EXAMS. Graphing calculators are not allowed during the exams

The format of the exams will be multiple-choice. There will be three (3) partial exams (100 points each) Any missing exam will translate into a zero. The final grade will be based on the average of the three non-cumulative exams and you have to take all the exams.

NO MAKE-UPS WILL BE GIVEN FOR ANY OF THE EXAMS.

EMAIL: Registered students at FIU have access to email through Computer Services. You are welcome to contact me through my regular email (kavallie@fiu.edu). Please, identify yourself with your first name and last name in all correspondence.