KINGDOM OF SAUDI ARABIA
Ministry of Education
Al-Imam Mohammad Ibn Saud Islamic University
College of Sciences
Department of Chemistry

المملكة العربية السعودية
وزارة الـتـعـــلـــيـــــم
جامعة الإمام محمد بن سعود الإسلامية
كلية العلوم
قسم الكيمياء

SYLLABUS

A. Course Description

Course Code	Course Num.	Course Name	Credit Hours	Lec.	Lab.	Tut.	Private study	Pre-requisites	Course Level	Language
CHM	**251**	**Software in Chemistry**	**2**	**0**	**4**	**0**	**4**	**CHM 121**	**3**	**English**

This course provides students with an introduction to software applied in chemistry to present experimenta data and use the internet to download lectures, videos and books that enable him to understand the different chemistry courses. The topics covered include microsoft office and its applications, Microsoft WinWord, Microsoft Excel, ChemOffic, EndNote and Mendeley. By the end of the course the studet will be able to

- Use the computer software such as Excel to present his data graphically and obtain constants.
- Download lectures, refrences, books and research articles that .
- Wtite his home work, mini-projects and graduation project using Microsoft Word.

B. References: Required Textbook & Internal Website

I shall use
Computer Software Applications in Chemistry, Peter C. Jurs, (2nd Ed.) ISBN: 978-0-471-10587-9.
Students are required to purchase the textbook/materials (it is an obligation). The book contains the lecture notes as well as activities for the students to take part in; the book serves as a workbook.

 Google Classroom Webpage:http://www.imamm.org/

C. Topics Outline

Disclaimer: this is a very fast-paced course. There will be little time—if any—for review. What follows is an approximate outline of the pace of the course. We may go faster or slower, contingent on the class response. The tentative list of topics to cover:

- **Microsoft Word:** format copy, page layout: margins, orientation, size, columns, breaks: pages, columns.
- **Microsoft Excel: home:** clipboard, font, alignment, number, styles, cells, editing, insert: tables, illustrations, charts, graphs.
- **Libreoffice :** format copy, page layout: margins, orientation, size, columns, breaks: pages, columns, text wrapping, next page, continuous, even and odd pages, line numbers,
- **ChemOffice:** Chemical Drawing Software.
- **ChemScetch:** Chemical Drawing Software.
- **Bibliographic Databases** using Endnote, Mendeley, Chemical Abstracts, Journals, Conferences, Reports, Patents.
- **Chemistry link collections:** Major chemistry resources, Specialist resources, chemistry web search sites.

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D. Exams & Grading System

The semi-official dates of the exams for this course, with all the caveats, that the word "semi-official" entails, can be found here:

- **Test 1:** 4th or 5th week, **Test 2:** 8th or 9th week & **Test 3:** 11th or 12th week
- **Quizzes & Homework: During the semester**

Your course grade will be based on Final Exam, Midterms, Homework, Quizzes, Participation, Attendance and Project.

Tests 1, 2 & 3: 10 %	**Class work:** 10 %	**Project:** 40 %
Quizzes; Homework & Attendance & Participation: 40 %		

Grading distribution:

A+: [95, 100], A:[90, 95), B+: [85, 90) , B: [80, 85), C+: [75, 80), C: [70, 75), D+: [65, 70), D: [60, 65), F: [0, 60).

E. Student Attendance/Absence

Only three situations will be considered as possible excused absences:

- Occurrence of a birth or death in the immediate family will be excused. ("Immediate family" is defined by the University as spouse, grandparents, parents, brother, or sister).
- Severe illness in which a student is under the care of a doctor and physically unable to attend class will be excused. Students are not excused for a doctor's appointment. Do not make appointments that conflict with rehearsals. Notes from the University Health Center will be accepted.

Executive Rules for Study Regulations and Exams goo.gl/ykm7t3

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