

Chemistry 201:
Chemical Principles
Summer 2019
Course Syllabus

- **Professor:** L. I. Halaoui
- **Class Times:** MTWR 10:30 am-11:45 am in CHEM 001
- **Office Hours:** Tuesday and Thursday 12:00-1:00 or by appointment (send an email to lh07@aub.edu.lb)
- **Office:** Chemistry Building, room 524
- **Resources available to students:**
 - ❑ **Textbook:** S. S. Zumdahl and D. J. DeCoste, **Chemical Principles**, 8th (International) Edition, Brooks/Cole, Cengage Learning, 2015.
+ **Solutions manual:** copies available on the reserve shelf in the Science Library.
 - ❑ **Lectures and hand-outs:** will all be posted on **MOODLE**.
 - ❑ **Solutions:** answers at the end of each chapter + detailed solutions in the Solutions Manual.
- **Grading:**
Attendance: 5 % (2 absences allowed without affecting grade)
Two 60-minutes quizzes: (better grade 30%, lower grade: 20%)
Final exam: 45%
- **Learning outcomes:**

Chem. 201 is a course intended to unify the **General Chemistry** background of incoming University students at the sophomore level, majoring in the Natural Sciences (Chemistry, Biology, Physics, Geology...), preparing for the Medical School, or providing the Chemistry background for Engineering. It should provide the student with a solid background in basic chemical principles, with two major objectives ahead:

1. Achieving a deep assimilation of chemical concepts, along with an ability to manipulate them and apply them in real life, while stressing the problem solving strategy.
2. Developing calculation skills in quantitative chemical problems, and acquiring a thinking methodology that should enable the student to approach *any* type of problem related to the studied material.

The following is a set of outcomes that should adhere to the student's mind after completion of the course:

- ❑ Learn the foundations of atomic structure and the origins of its discovery. Learn and assimilate the concepts and some mathematical aspects of *Quantum Mechanics*, which

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The Athenæum ,1858 Regents Chemistry Syllabus University of the State of New York. Bureau of Secondary Curriculum Development,1984 **General Chemistry 1** ,2016 **Syllabus for Chemistry** University of Chicago. Department of Chemistry,1931 **Regents Chemistry Syllabus** University of the State of New York. Bureau of General Education Curriculum Development,1981

Futa Chem 201 Syllabus: Bestsellers in 2023 The year 2023 has witnessed a noteworthy surge in literary brilliance, with numerous compelling novels captivating the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the engaging narratives that have charmed audiences this year. The Must-Read : Colleen Hoover "It Ends with Us" This touching tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Futa Chem 201 Syllabus : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This intriguing historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids absorbing storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Futa Chem 201 Syllabus : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens crafts a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and suspenseful novel that will keep you speculating until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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