Montgomery College – Takoma Park – Silver Spring Campus
Chemical and Biological Division
Organic Chemistry 1 – Fall 2018
CHEM 203 – CRN Number

Instructor: Name & Office
Phone: (240) 567 1414,

Email: First.Last@montgomerycollege.edu

Lecture:	Days	Time	Room
Office Hours:	Days	Time	Room

General Course Description:
This course focuses on fundamental concepts of organic chemistry with emphasis on aliphatic hydrocarbons, alkyl halides, and alcohols. This course covers bonding theories, structures, nomenclature, physical properties, synthesis, and mechanisms of reactions. Laboratory work involves the preparation, analysis, and purification of organic compounds including spectroscopic techniques. PREREQUISITE: A grade of C or better in CHEM 132 within the last five years, or consent of department chair, course coordinator, or designated member of Chemistry faculty. Three hours lecture, one hour discussion, four hours laboratory each week. Formerly CH 203.

Books: ORGANIC CHEMISTRY by Janice Gorzynski Smith, 3rd Ed, McGraw Hill (ISBN 978-0-07-337562-5) or 4th Ed.

Lab: Handouts

Grading:
Laboratory Grade (250 points) – Discussion (50 points) – Tests (Best 2 = 450 points) – Final Exam (250 points)
The Final Letter Grade for this course will be assigned based on your grand total as follows:

A = 90.0 - 100 % **B =** 80.0 – 89.9 % **C =** 70.0 – 79.9 % **D =** 60.0 – 69.9 % **F =** 0.00 – 59.9 %

Important Student Information Link
In addition to course requirements and objectives that are in this syllabus, Montgomery College has information on its web site (see link below) to assist you in having a successful experience both inside and outside of the classroom. It is important that you read and understand this information. The link below provides information and other resources to areas that pertain to the following: student behavior (student code of conduct), student e-mail, the tobacco free policy, withdraw and refund dates, disability support services, veteran services, how to access information on delayed openings and closings, how to register for the Montgomery College alert System, and finally, how closings and delays can impact your classes. If you have any questions please bring them to your professor. As rules and regulations change they will be updated and you will be able to access them through the link. If any student would like a written copy of these policies and procedures, the professor would be happy to provide them. By registering for this class and staying in this class, you are indicating that you acknowledge and accept these policies.
http://cms.montgomerycollege.edu/mcsyllabus/

*Makeup tests are not given under **any** circumstances. If you miss a test, the lowest grade on either the other test or the final will be doubled in value. If a test is missed, you must have a documented emergency situation.*

***September 04, 2018**: Last day to drop the class with a refund.*

***September 18, 2018**: Last day to drop a class without a grade or change from credit to audit to credit. Audit to credit and credit to audit changes require instructor's signature. Please see me before you make this change.*

***November 13, 2018**: Last day to drop the class with a grade of **W**.*

Organic Chemistry I – CHEM 203 – Fall 2018

Week	Date	Topics Covered
1	Aug. 27 & 29	Lewis Structures/Hybridization and Molecular Shapes
2	Sep. 5	Acids and Bases/Functional Groups
3	Sep. 10, & 12	Alkanes
4	Sep 17 & 19	Stereochemistry
5	Sep. 24 & 26	**Exam I** Organic Reactions / Alkyl Halides S_N1 & S_N2
6	Oct 1 & 3	Alkyl Halides S_N1 & S_N2
7	Oct 8 & 10	Alkyl Halides: E1 & E2
8	Oct 15 & 17	Alcohols, Ethers, and Epoxides
9	Oct. 22 & 24	**Exam II** Electrophilic Addition of Alkenes and Alkynes
10	Oct 29 & 31	Electrophilic Addition of Alkenes and Alkynes
11	Nov 5 & 7	Electrophilic Addition of Alkenes and Alkynes Oxidation/Reduction
12	Nov 12 & 14	Oxidation/Reduction Radical Reactions
13	Nov 19	Radical Reactions
14	Nov 26 & Nov 28	**Exam III** Acidity of Alkynes and Multistep Organic Synthesis (I)
15	Dec 3 & 5	Multistep Organic Synthesis (II) Review
16	December 10, 2018	**Final Exam (8 – 10)**

Sections Not Covered: 1.6; 1.11; 2.9; 2.10; 2.11; 3.4; 3.5; 5.5; 5.8; 5.9; 6.3; 6.5; 7.6; 7.8; 7.11; 8.16; 9.3; 9.4; 10.4; 10.5; 11.4