

Organic Chemistry (2018)

Department of Medical Laboratory Science and Biotechnology, NCKU

Course organizer: Chuan-Fa Chang Ph. D. (5796)

Time: 13:10-15:00, Wednesday

Place: MT building 3F, 5761

Date (2018)	Lecture title	Speaker
1. 03/07	Covalent Bonding and Shapes of Molecules (Ch. 1)	C. F. Chang
2. 03/14	Acids and Bases (Ch. 2)	C. F. Chang
3. 03/21	Alkanes and Cycloalkanes (Ch. 3)	C. F. Chang
4. 03/28	Reaction of Alkenes and Alkynes (Ch.4–5)	C. F. Chang
5. 04/11	Mid-exam-01	C. F. Chang
6. 04/18	Chirality: The Handedness of Molecules (Ch.6)	C. F. Chang
7. 04/25	Haloalkanes (Ch.7), Alcohols, Ethers, and Thiols (Ch.8)	C. F. Chang
8. 05/02	Benzene and its Derivatives (Ch.9)	C. F. Chang
9. 05/09	Amines (Ch. 10)	C. F. Chang
10. 05/16	Mid-exam-02	C. F. Chang
11. 05/23	Aldehydes and ketones (Ch. 12)	C. F. Chang
12. 05/30	Carboxylic acids (Ch. 13, 14)	C. F. Chang
13. 06/06	Carbohydrates and nucleic acid (Ch. 17, 20)	C. F. Chang
14. 06/13	Amino acids and proteins (Ch. 18)	C. F. Chang
15. 06/20	Lipids and the organic chemistry of metabolism (Ch. 19, 21)	C. F. Chang
16. 06/27	Final-exam	C. F. Chang

Evaluation: Mid-exam, 30%; Final-exam, 40%

Textbook: Introduction to Organic Chemistry, 5th edition. William H. Brown, Thomas Poon, 2014, John Wiley & Sons, Inc. USA.