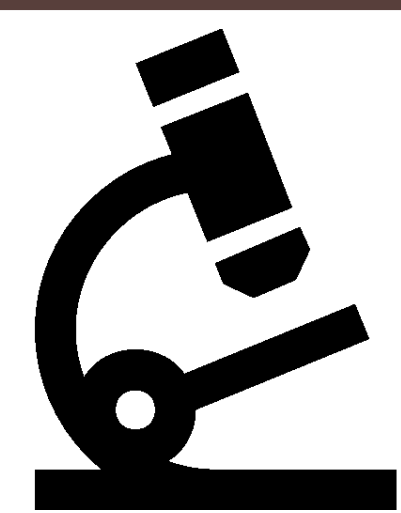




COURSE SYLABUS

ORGANIC CHEMISTRY

Credits: 02 (Lectures 1.5 – Practices 0.5 – Self-study 06)
Code: MT 01002



EXPECTED LEARNING OUTCOMES

Indicator	Upon the completion of the course, student able to	Expected learning outcomes of program
Knowledge		
CELO1	Analyze the relationship of the structure and the property of organic compounds.	ELO1: Apply the knowledge of natural sciences, politics, society, humanities, law, economics and understand contemporary issues in the field of environmental sciences
CELO2	Work the experimental exercises describing the physical and chemical properties of organic compounds.	ELO2: Analyze environmental qualities including design and implement the environmental tests, data collection and interpretation.
CELO3	Describe the natural state, the role of organic compounds and their influence to the environment.	ELO3: Evaluate the impact of resource exploitation and emissions on environmental quality.
Skills		
CELO4	Work in group in the experimental lessons.	ELO7: Work in group and Lead the multi-functional team.
Ethics and Attitudes		
CELO5	Determine a sense of lifelong learning.	ELO11: Determine a clear professional orientation, career passion and a sense of lifelong learning.
CELO6	Respect in writing report, work on the rules in the laboratory.	ELO12: Demonstrate professional ethical standards, carrying out responsibility for environmental



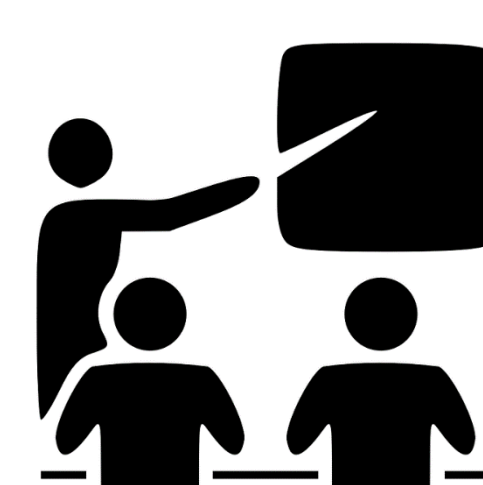
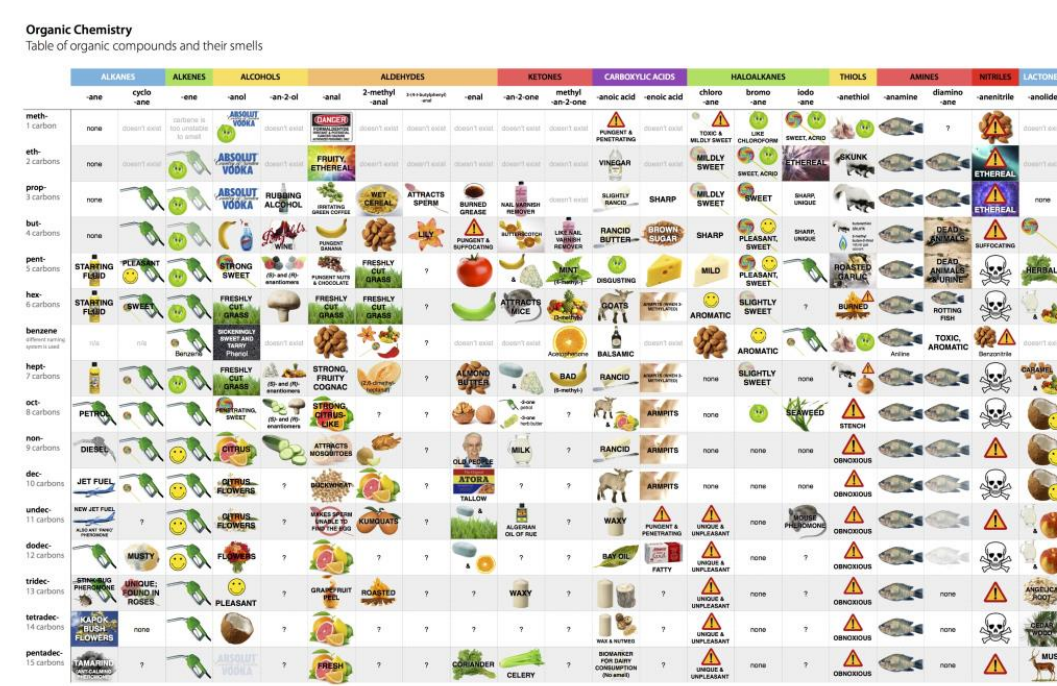
Brief descriptions

Chapter 1. General of Organic Chemistry

Chapter 2. Hydrocarbons

Chapter 3. Derivatives of hydrocarbons

Chapter 4. Natural organic compounds



Learning methods

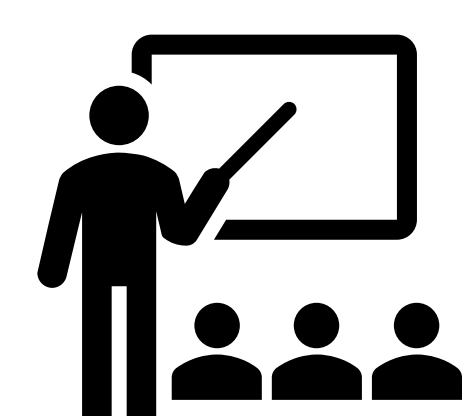
- Self-study: Students read the textbooks, lectures, documents and do their homework before coming class.
- Listening: students participate in lessons and do exercises at the request of lecturers.
- Experimental method: do independent experiments under the guidance of teachers, discuss the results in groups.
- E-learning: find and search documents, exchange learning materials and discussion questions in class groups.
- Study online via MS Teams



Assessment methods

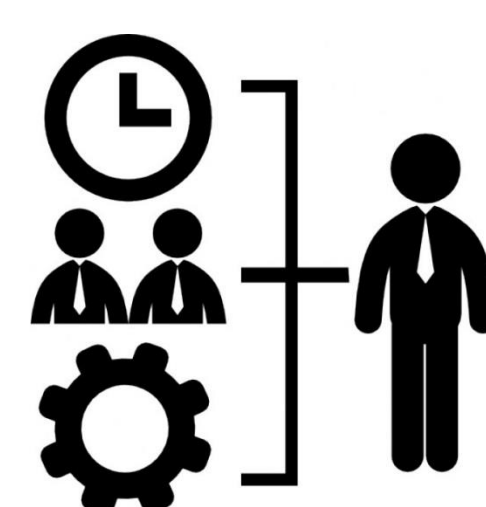
- Grading scale: 10
- Evaluation:

Attend class (10%)	Experiment (điều kiện)	Mid-term examination (30%)	Final examination (60%)
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Student tasks

- Attend class: Students must attend at least 75% of lessons in class/on the MS team and satisfactory all 3 experimental exercises - 15 lessons (to achieve attendance and be allowed to take the final exam) .
- Read the lesson, the experimental requirement and the text book before coming class and lab.
- Do exercises: students must complete all exercises in the text-book.
- Mid-term exam: Students must take a mid-term exam.
- Final exam: Students must take a final exam.



Key academic staffs

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