

EXPECTED LEARNING OUTCOMES

Course objectives	COURSE EXPECTED LEARNING OUTCOMES After successfully completing this course, students are able to	Expected learning outcomes of program
Knowledge		
CELO1	Presentation of concepts about edible mushrooms and medicinal mushrooms; hyphal structure, general morphology of fruiting body, hyphal growth, fruiting body formation	ELO5
CELO2	Designing the steps in mushroom spawn production technology.	ELO5
CELO3	Designing the steps in the cultivation technology of some edible and medicinal mushroom; preliminary processing and preservation of mushroom; disease management in cultivation of mushroom.	ELO5
Skills		
CELO4	Advising good techniques of mushroom spawn production and mushrooms cultivation	ELO12
Personal autonomy and responsibility		
CELO5	Maintain professional ethics, fulfill one's duty to improve the well-being of the society, and protect the environment.	ELO14

CONTENT

Chapter 1. General introduction to edible and medicinal mushroom biology.

Chapter 2. Spawn production of mushroom.

Chapter 3. Cultivation technology of some edible and medicinal mushroom.

Chapter 4. Post-harvest management, preservation and processing of mushroom.

Chapter 5. Disease management in cultivation of mushroom.

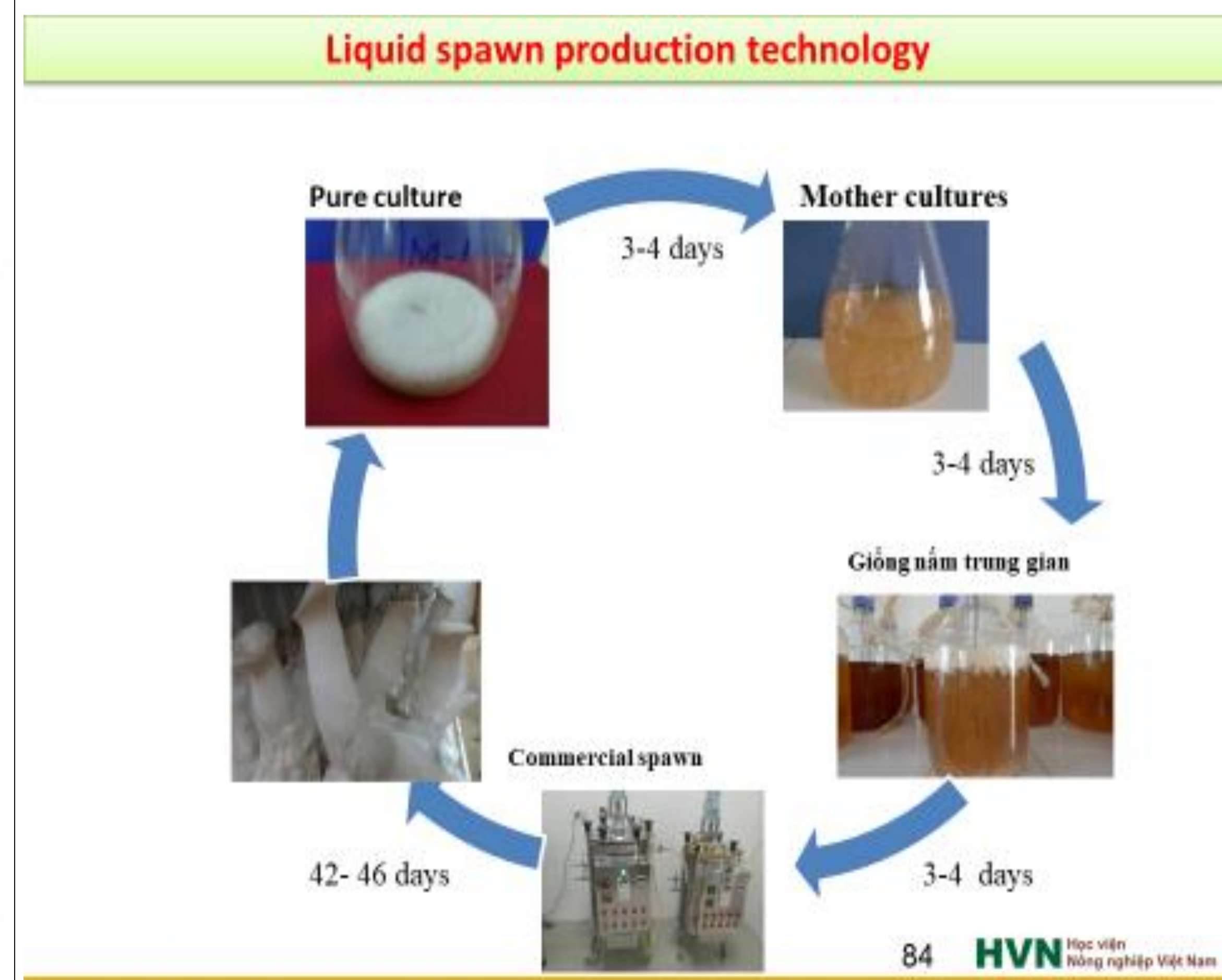
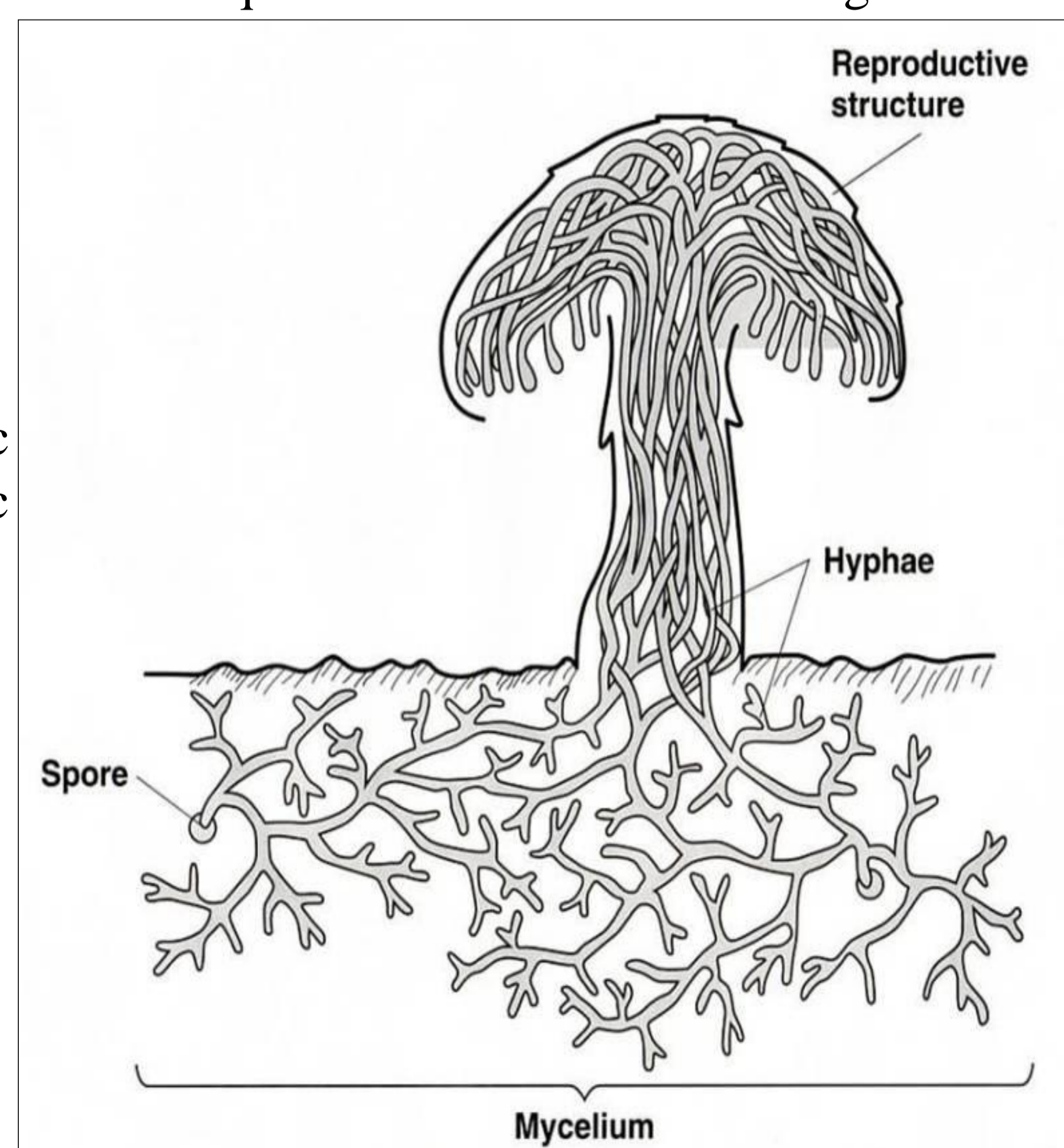
Practice:

Unit 1: Production of the Oyster mushroom spawn

Unit 2: Cultivation of the Oyster mushroom

STUDENT TASKS

- Attendance: Students are required to attend at least 75% of the total theory lectures of the course and 100% of the practicing lectures;
- Preparation for the lecture: Students are required to read lecture notes, text books and references before attending the class.
- Group discussion and presentation: Students are required to engage in group discussion.
- For online learning: Students need to install online learning software and fulfill the requirements for online learning.



ASSESSMENT METHODS

- ✓ Grading: 10 marks
- ✓ The course average is the sum of the rubric scores multiplied by the weight of each rubric respectively.
- ✓ Weighting: Attendance: 10 %; Practicing: 10 %; Middle exam: 20 %; Final exam: 60 % (writing test)

LEARNING METHODS

Students are required to listen to lectures in class

Read lecture notes, books and references before attending the class. Prepare and actively participate in discussion.

Practicing in the laboratory

Learn through the E-learning and Msteam system



LECTURERS

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