SH02003: CELL BIOLOGY
(SINH HỌC TẾ BÀO)

Credits: 2 credits (Lecture: 2 – Practice: 0)

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	Explain the specific biological structures and processes that take place in cells; cell cycle and cell cycle control.	ELO2, ELO4
CELO2	Applying knowledge of cell biology to explain the scientific basis of several issues related to fields of biotechnology, biomedicine, environment, and food technology .	ELO2, ELO4
	Skills	
CELO3	Detecting and solving several problems related to fields of biotechnology.	ELO6
CELO4	Do teamwork and organize effectively teamwork.	ELO7
	Personal autonomy and responsibility	
CELO5	Proactively study, accumulate knowledge to improve capacity and professional qualifications.	ELO15

CONTENT

Chapter I: An overview of the cells

Chapter II: Cell-membrane systems

Chapter III: Transport of substances across biological membranes

Chapter IV: Cytoskeletal system and cellular dynamics

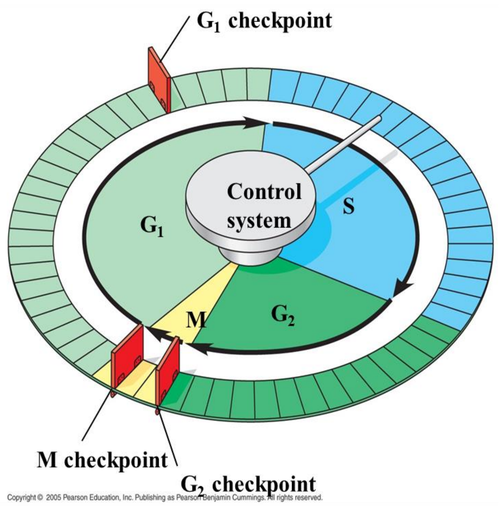
Chapter V: Cell cycle and the control of the cell cycle.

LEARNING METHODS

- Read lecture notes, books and references before attending the class.
- Listen to lectures in class
- Perform other learning activities such as answering questions, doing exercises, discussing in groups.

STUDENT TASKS

- Attendance: Students are required to attend at least 2/3 of the total theory lectures of the course.
- Preparation for the lecture: Students are required to read lecture notes, textbooks and references before attending the class.
- Group discussion and presentation: Students are required to engage in group discussion.
- Mid-term exam: Students miss a mid-term will be given a mark of zero.
- Final exam: Students must take the final exam and meet requirements.
- For online learning: Students need to install online learning software and fulfill the requirements for online learning.

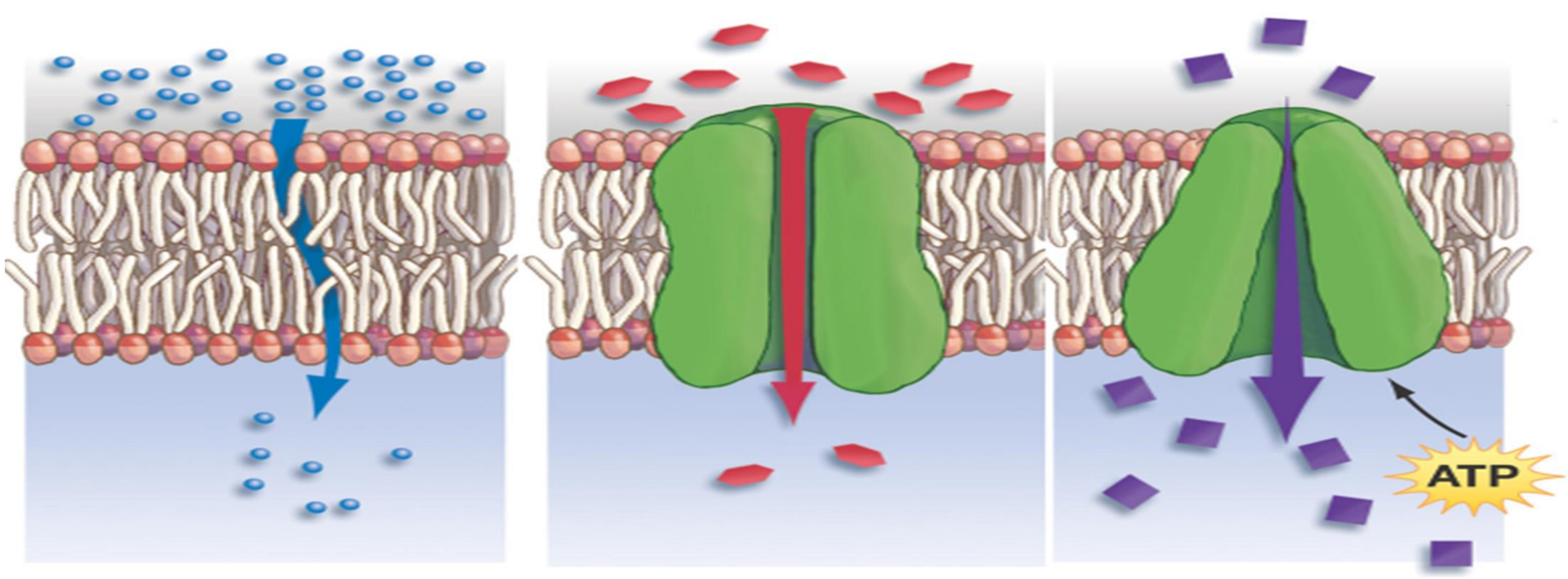


ASSESSMENT METHODS

1. Scale: 10

2. Weighting: The course mark is the sum of the rubric scores multiplied by the respective weight of each rubric

- Class attendance: 10%
- Discussion: 10%
- Mid-term test score: 20%
- Final exam: 60%



LECTURERS

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