

Course plan

Year: 2024-2025	Semester: <input type="checkbox"/> First <input checked="" type="checkbox"/> Second	Number of students: 20
Major: MD	<input checked="" type="checkbox"/> Basic sciences <input type="checkbox"/> Physiopathology	Department: Physiology
Course Title: Practical Physiology	<input type="checkbox"/> Theoretical <input checked="" type="checkbox"/> Practical	Credit: 0.8
Prerequisite: none	Day & Time: Tuesday , 16-18 p.m.	Place: physiology 1 department
Instructor: Dr. Ghasemi	Office address: School of Medicine, Department of physiology(1)	Tel: 031-3792 9014
Email: ghasemi.m.ph@gmail.com	Response Hours and Days: 13-16 p.m Wednesday	Student representative name and mobile number:

Main objective: Provide a practical aspect to some of the physiological concepts learned during common lectures and allow students to have experiences that enhance their understanding of physiological concepts.

Specific objects:

- 1- Practical physiology of blood (Hct and Hb measurement)
- 2- Practical physiology of Cardiovascular system (ECG and Blood pressure)
- 3- Practical physiology of Respiratory system(Spirometer)
- 4- Practical physiology of Nervous system (Spinal reflexes, Auditory and Vision tests)
- 5- Practical physiology of gastrointestinal system (Carbohydrates digestion)
- 6- Practical physiology of Endocrine system (glucose tolerance test)
- 7- Practical physiology of Urinary system (Tm calculation for Glucose)

References (Text books):

- 1- Guyton and Hall Textbook of Medical Physiology, (The up-to-date version of the book)
- 2- Practical Physiology for International medical students
- 3- Power point presentation

Student evaluation and the value related to each evaluation:

(The assessment tools that will be used to test student ability to understand the course material and gain the skills and competencies stated in learning outcomes)

ASSESSMENT TOOLS	From
Class activities and quiz	5
Final Exam (Written and Multiple-choice questions)	15
TOTAL MARKS	20

Students' responsibilities:

- 1- Study the topics before and after the class
- 2- Observe the class order and rules
- 3- Attend all classes

Discipline and educational rules:

- 1- For each unplanned absence, 0.5 points will be deducted from 20, and in case of absence exceeding the permissible limit, the score will be zero.
- 2- The maximum permission time to participate in the class is 5 min after the start of the session.
- 3-
- 4- Mobile phone use is prohibited during class.

