

## Course plan

<b>Year:</b> 2023-2024	<b>Semester:</b> <input checked="" type="checkbox"/> First <input type="checkbox"/> Second	<b>Number of students:</b> 20
<b>Major:</b> MD	<input checked="" type="checkbox"/> Basic sciences <input type="checkbox"/> Physiopathology	<b>Department:</b> Physiology
<b>Course Title:</b> Practical Physiology	<input type="checkbox"/> Theoretical <input checked="" type="checkbox"/> Practical	<b>Credit:</b> 0.8
<b>Prerequisite:</b> none	<b>Day &amp; Time:</b> <b>Wednesday, 8-10 A.M.</b>	<b>Place:</b> physiology 1 department
<b>Instructor:</b> Dr. Ghasemi	<b>Office address:</b> School of Medicine, Department of physiology(1)	<b>Tel:</b> 031-3792 9014
<b>Email:</b> ghasemi.m.ph@gmail.com	<b>Response Hours and Days:</b> 13-16 p.m Wednesday	<b>Student representative name and mobile number:</b>

**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
<b>Class activities and quiz</b>	5
<b>Final Exam (Written and Multiple-choice questions)</b>	15
<b>TOTAL MARKS</b>	<b>20</b>

**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.

