

MBG 327: HUMAN PHYSIOLOGY SYLLABUS-SPRING 2025-2026

COURSE HOURS: Tuesdays 9:45 -12:30 @ G205

INSTRUCTOR: Gülistan MEŞE ÖZÇİVİCİ

Office: D206

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Office Hours: Fridays 9:00-10:00

Teams: **2026_MBG327** Team code: **g6lye6m**

Course Content: Course Description and Goals

This course examines the human physiology. Topics include human organ systems.

- 1) To enable students to identify, define and compare the structure and function of basic elements of organs
- 2) To enable students to evaluate the link between molecular and cellular biology with human physiology
- 3) To enable students to comparatively describe structure and function of organs
- 4) To enable students to use their knowledge to critically read scientific articles on the human physiology
- 5) To teach students the ability to prepare and give oral presentations

Course Material:

- Human Physiology, Dee Unglaub Silverthorn, 8th Ed.
- Any human physiology book, research articles, reviews

Weekly tentative schedule:

Weeks	Content
Week 1- 24/02/2026	Overview of the course and introduction to the human body
Week 2- 03/03/2026	Compartmentation, communication, integration, and homeostasis
Week 3- 10/03/2026	Endocrine system I
Week 4- 17/03/2026	Endocrine system II
Week 5- 24/03/2026	Nervous system I
Week 6- 31/03/2026	Nervous system II
Week 7- 07/04/2026	Muscle physiology I
Week 8-14/04/2026	Midterm
Week 9- 21/04/2026	Muscle physiology II
Week 10- 28/04/2026	Cardiovascular physiology I
Week 11- 05/05/2026	Cardiovascular physiology II
Week 12-12/05/2026	Respiratory physiology
Week 13- 19/05/2026	19 May Commemoration of Atatürk Youth and Sports Day
Week 14- 26/05/2026	Feast of sacrifices eve
Week 15- 02/06/2026	Gastrointestinal physiology
Week 16- 09/06/2026	Renal physiology
Week 17- 16/06/2026	Reproductive system
Week 18- 23/06/2025	Final Exam

***Dersin taslağının haftalık olarak detaylandırılması sırasında sınavlar bu sıralamada belirtilmeyecektir.**

Attendance:

IZMIR INSTITUTE OF TECHNOLOGY REGULATION ON UNDERGRADUATE EDUCATION AND INSTRUCTION Attendance Requirement

ARTICLE 9 – (1) Attendance at courses, practical sessions, examinations, and other academic activities is compulsory. Students' attendance shall be monitored and evaluated by the relevant instructor, provided that attendance shall not be less than 70% in theoretical courses and 80% in practical courses.

Students are expected to be in class on time.

Evaluation:

One midterm and one comprehensive final exam will be administered at the scheduled times indicated in the syllabus. Exams will be conducted in an essay-style format and are closed-book and closed-notes.

Makeup exams will only be considered in cases with a valid and documented excuse. In the event of an emergency, students must promptly contact the course instructor; otherwise, they will receive a score of zero for the missed exam.

Make-up exams will be offered after the final exam and will be comprehensive, covering all course material.

Cheating and plagiarism are absolutely forbidden. In cases involving cheating and plagiarism, "İYTE Yüksek Öğretim Kurumları Öğrenci Disiplin Yönetmeliği" (IYTE Higher Education Institutions Student Disciplinary Regulations) will be followed.

The grade distribution:

Midterm (14/04/2026): %35

Final exam (23/06/2026): %40

Presentations: %20

Participation: %5

If you have a documented disability, please contact with the campus office for disabled students. In cooperation with the office, the instructor may accommodate course materials in an alternative format.

Electronic Media/Device Use:

Use of electronic devices for recording the lectures and sharing the course materials including lecture notes on any social or electronic media among groups or in public is prohibited. Any violation of this may earn you a zero on an assignment or exam or even a more extreme penalty at the discretion of the instructor.

No electronic devices, including smart watches, are allowed at exams.

AI Usage Policy

<https://mbg.iyte.edu.tr/wp-content/uploads/sites/95/2025/11/MBG-Artificial-Intelligence-Principles.pdf>

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