

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I
ACADEMIC PROGRAM BOOK
2014 - 2015**

Student's;

Name :

Nr :

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I

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YEDİTEPE UNIVERSITY FACULTY OF MEDICINE

AIM AND OUTCOMES OF MEDICAL EDUCATION

PROGRAM^{*,**}

^{*}“Consensus Commission Report” based on draft compiled at “*Workshop for Revision of Aim and Outcomes of Medical Education Program at Yeditepe University Faculty of Medicine*”

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AIM

The aim of medical education program *is to graduate physicians* who

- ***are aware of*** the local and global health issues
- ***have acquired competence*** in knowledge, skills and attitudes to manage and provide primary health care service
- ***know, apply and care*** for ethical principles of the medical profession
- ***keep up with*** current knowledge at national and international level
- ***are capable of*** systematical thinking
- ***are*** investigative and questioning
- continually ***renovate*** and ***improve*** themselves
- ***are capable of*** teamwork
- ***use*** technology competently in medicine and related areas
- ***have*** effective communication skills
- ***have*** community leadership qualifications

OUTCOMES

Graduate should be able to:

1) *practice* as a physician,

- **oriented towards**
 - **individual and non-individual factors affecting health**
 - **sustainment and improvement of healthy condition**
 - **clinical conditions which**
 - **are frequent in community**

and/or

 - **pose high risk for individual or community health**
 - and/or**
 - **life-threatening or constitute an emergency**
- **at a competency level appropriate to deliver primary health care services compatible with surrounding context of health determinants.**

- 1.1. **explain** normal structural components of human body, their functions and operational mechanisms at organismal, multisystem, system, organ, tissue, cellular and molecular levels.
- 1.2. **explain** healthy condition and factors affecting health.
- 1.3. **explain** and **relates** causes of clinical conditions, courses of effect and outcomes.
- 1.4. **explain** changes (*i.e. physiological and pathological*) in structural components of body, their functions and operational mechanisms under healthy and clinical conditions.
- 1.5. **explain** most frequently occurring or most important clinical complaints (*i.e. chief complaint*), symptoms, signs, laboratory and imaging findings and their emergence mechanisms in clinical conditions.
- 1.6. **explain** current medical and surgical methods used in interventions directed towards health conditions.
- 1.7. **use** contextually appropriate medical history taking method, out of different types (*e.g. comprehensive, focused or hypothetico-deductive*) and systematically, to gather medical information from healthy individual, patient or patient's companions (*i.e. heteroanamnesis*), in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.8. **employ** physical examination methods for systems in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.9. accurately **interpret** findings in medical history and physical examination, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.10. **implement** diagnostic procedures (*e.g. point of care testing, physician office testing*) required for primary health care, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.11. **select (utilize)** tests shown to be highly effective in clinical decision making by evidence-based medicine from the aspects of reliability, practicality and outcome measures, in case

of an encounter with a healthy person or a patient who seeks health care service for a health condition, and **interpret** results.

- 1.12. **make** clinical decisions (*e.g. benefit estimation, risk estimation, prevention, screening, test requisition, diagnosis, triage, staging, consultation, prognosis, watchful-waiting, intervention, monitoring, end of intervention, discharge, control, end of follow-up*) shown to be highly effective from the aspects of outcome measures by evidence-based medicine, in case of an encounter with a healthy person or a patient who seeks health care service for a health condition.
- 1.13. accurately **perform** interventional procedures (*i.e. interventional clinical skills, competencies and proficiencies*) required for primary health care, in case of an encounter with a healthy person or a patient who seeks health care service for a clinical condition.
- 1.14. **coordinate** referral or transport of patient, when necessary and with patient-centered approach, to secondary health care institution, without posing any risk to patient's health, security and confidentiality, in case of an encounter with a patient who seeks health care service for a clinical condition.
- 1.15. **manage** request or symptom, healthy or clinical condition, and healthy individual or patient, with beneficiary-centered approach, and with clinical decisions made by analytical and critical thinking, clinical reasoning and problem solving methods, in case of an encounter with a patient who seeks health care service for a health condition.
- 1.16. **execute** protective and therapeutic medical practices that are individual, family and community-oriented, easily accessible, integrated and coordinated, continuous, comprehensive, and based on the principles of confidentiality, in primary health care services.
- 1.17. **identify** factors that pose a high risk to individual and community health, and **determine** individuals or populations at risk in advance or at an early stage and implement the necessary measures.
- 1.18. **value** preventive health services, **offer** primary prevention (*i.e. prevention of diseases for the protection of health*), secondary prevention (*i.e. early diagnosis and treatment*) and tertiary prevention (*i.e. rehabilitation*) services, and **provide** consultancy on these issues.
- 1.19. **provide** life-style consultancy and design services to sustain and improve individual and community health.

2) **manage** primary health care services.

- 2.1 **manage** health care team in primary health care organization.
- 2.2. **lead** community with sense of responsibility, good behavior and manners in consideration of individual behaviors and social dynamics of community, and if there is a necessity, **develop** projects directed towards health care services.
- 2.3 **define** health management and economics principles, models for organization and finance of health care services.
- 2.4 **use** health care resources with cost-effective manners.

3) **advocate** individual and community health under all circumstances.

- 3.1. **provide** consultancy services to sustain and promote the health of individual and community.

- 3.2. **explain** epidemiology of clinical conditions, and **define** measures to reduce frequencies.
- 3.3. **describe** completely all high risk factors for the community health (e.g. *natural disasters, nuclear accidents, fire, war, bio-terrorism, etc.*), and **implement** necessary measures in order to prevent effects on health.
- 3.4. **explain** health determinants completely (e.g. *physical environment, social environment, genetic background, individual response -behavior, biology-, health care services, welfare, etc.*), including conditions that prevent access to health care.

4) perform medical practices according to regulatory and ethical principles and in consideration of behavioral sciences, social sciences, and humanities.

- 4.1 **recognize** determinants affecting individual behaviors and attitudes, and social dynamics.
- 4.2 **recognize** basic ethical principles completely, and **distinguish** ethical and legal problems.
- 4.3 **recognize** regulations concerning national and international health systems.
- 4.4 **employ** safety, security and confidentiality principles completely for beneficiaries of health care services, companions and visitors, and health care workers.
- 4.5 **use** medical record and information systems according to regulations and ethical principles.
- 4.6 **value** informed consent taking in the framework of patients' rights, and **employ** fully.
- 4.7 **interpret** historical, anthropological and philosophical evolution of medicine, health and disease concepts, and **relate** to current medical practice

5) establish correct and effective communication with all stakeholders of health care services and collaborate.

- 5.1. **communicate** by using problem solving abilities during all of professional life with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals and organizations.
- 5.2. **collaborate** with related organizations and institutions, with other professionals and health care workers as a team member through using problem solving abilities.
- 5.3. **communicate** with all stakeholders with consideration of socio-cultural differences.

6) promote self medical knowledge and skills in view of the current scientific developments throughout own career.

- 6.1. **adopt** and **implement** the importance of lifelong self-learning.
- 6.2. **recognize** importance of updating knowledge and skills; **search** current advancements and improve own knowledge and skills.
- 6.3. **speak** at least one foreign language at advanced level to follow the international literature and communicate with colleagues.
- 6.4. **recognize** methods to reach current scientific knowledge, and **use** available technology.
- 6.5. **recognize** principles of evidence-based medicine, and **implement** in health care services.
- 6.6. **develop** and **present** research projects.

7) manage own postgraduate career.

- 7.1. **recognize** and **investigate** postgraduate work domains and job opportunities.
- 7.2. **determine** postgraduate work domains, job opportunities and requirements for application, **distinguish** and **plan** requirements for further training and work experience.
- 7.3. **prepare** a resume, and **recognize** job interview methods.
- 7.4. **recognize** health technologies expected to be implemented in near future and emerging work areas.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**PHASE I COORDINATION COMMITTEE
(TEACHING YEAR 2014–2015)**

Ünal USLU MD, Assoc. Prof. (Coordinator)
Kaan YÜCEL MD, Ph.D, Assist. Prof (Co-coordinator)
Çiğdem KASPAR Ph.D, Assist. Prof. (Co-coordinator)
Deniz KIRAÇ Ph.D, Assist. Prof. (Co-coordinator)

ICP-I COORDINATION COMMITTEE

Özlem TANRIÖVER MD, Assoc. Prof. (Coordinator)
Ayşe Arzu AKALIN MD, Assist. Prof. (Co-coordinator)

YEDİTEPE UNIVERSITY FACULTY OF MEDICINE PHASE I

DESCRIPTION OF THE PHASE I

Normal Physiology, Basic Sciences and Medical Terms.

PHASE CONTENT

Introduction to Basic Sciences, Cell, Tissue I, Tissue II, Energy and Metabolism.

EXECUTIVES OF ACADEMIC YEAR

Organic Chemistry, Biophysics, Medical Biology, Medical History, Anatomy, Anatomical Drawing, Physiology, Histology & Embryology, Medical Biochemistry, Medical Microbiology, Family Medicine, Medical Education, Biostatistics, Humanities, Behavioral Sciences, Ethics, Turkish Language and Literature, Principles of Atatürk and Modern History of Turkey.

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AIM AND LEARNING OBJECTIVES OF PHASE I

AIM OF PHASE I

To convey basic knowledge on medical history, organic chemistry, biology, biophysics, biochemistry, anatomy, physiology, embryology, histology, microbiology, behavioral sciences, civilization history and medical ethics.

LEARNING OBJECTIVES OF PHASE I

At the end of this phase, student should be able to:

KNOWLEDGE

- 1.0. explain information about medical history, anatomy, physiology, embryology, histology, organic chemistry, biophysics, biochemistry, microbiology, behavioral sciences, civilization history and medical ethics.
- 2.0. for biophysics;
 - 2.1. explain basic terms and concepts.
 - 2.2. explain its essential application areas in medicine.
- 3.0. explain the structure and function of the cell at cellular level.
- 4.0. list the developmental processes from zygote to organogenesis.
- 5.0. define four essential tissues forming the body, cells and intercellular materials.
- 6.0. define the link between the structure and function of tissues.
- 7.0. define muscular, vascular and nervous system.
- 8.0. list basic properties and classes of microorganisms.
- 9.0. describe basic terms and concepts about first aid.
- 10.0. describe basic terms and concepts of communication skills.
- 11.0. describe basic terms and concepts about epidemiology.
- 12.0. list fundamental steps of a research study.

SKILLS

- 13.0. apply first aid skills on anatomic model.
- 14.0. use communication skills in patient-doctor interviews.
- 15.0. present research data with tables and graphs.

AIM AND LEARNING OBJECTIVES FOR ANATOMICAL DRAWING (MD 132)

AIM

1. to convey basic knowledge on anatomical drawing rules and drawing technique.
2. to equip with skills of three dimensional interpretation of bones and muscles in human body.
3. to equip with skills of drawing bones and muscles in human body.
4. to equip with skills of visually explain clinical conditions to patient.

LEARNING OBJECTIVES

At the end of this course, student should be able to:

KNOWLEDGE

1. list rules associated with anatomical drawing.
2. represent real axonometrical view under 120° angle based on frontal, horizontal and profile views of human body.

SKILLS

1. draw frontal, horizontal and profile views of muscles in human body.
2. draw frontal, horizontal and profile views of bones in human body.
3. explain visually clinical conditions to patients.

AIM AND LEARNING OBJECTIVES FOR INTRODUCTION TO CLINICAL PRACTICE-1 (MD 142)

AIM

1. to convey terms and concepts related to first aid.
2. to equip with first aid skills on the model.
3. to convey terms and concepts about communication skills.
4. to equip with skills of using appropriate communication in patient-doctor relationship.

LEARNING OBJECTIVES

At the end of this course, student should be able to:

KNOWLEDGE

- 1.0. explain basic terms and concepts in first aid.
- 2.0. list medical issues requiring first aid and frequently encountered problems.
- 3.0. list steps of first aid.
- 4.0. explain complete terms and concepts related to communication.

SKILLS

- 1.0. apply basic life support on anatomic model completely and in accordance with the skills check list.
- 2.0. apply basic transport techniques on anatomic model completely and in accordance with the skills check I list.
- 3.0. apply basic bandaging techniques completely and in accordance with the skills check list.
- 4.0. obtain medical history from standard patient, using appropriate communication techniques.

ACADEMIC CALENDAR 2014 - 2015

PHASE I

COMMITTEE I

INTRODUCTION TO BASIC MEDICAL SCIENCES (7 Weeks)

Beginning of Committee	September 15, 2014	Monday
End of Committee	October 24, 2014	Friday
Committee Theoretical Exam	October 31, 2014	Friday
Religious Holiday	October 03-07 2014	Friday - Tuesday
National Holiday	October 28-29, 2014	Tuesday- Wednesday

COMMITTEE II

CELL (8 Weeks)

Beginning of Committee	November 03, 2014	Monday
End of Committee	December 19, 2014	Friday
Committee Practical Exam	December 25, 2014	Thursday
Committee Theoretical Exam	December 26, 2014	Friday

Commemoration of Atatürk	November 10, 2014	Monday
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COMMITTEE III

TISSUE I (6 Weeks)

Beginning of Committee	December 29, 2014	Monday
End of Committee	February 13, 2015	Friday
Committee Practical Exam	February 19, 2015	Thursday
Committee Theoretical Exam	February 20, 2015	Friday

New Year	January 01, 2015	Thursday
MIDTERM BREAK	January 19, 2015	January 30, 2015

COMMITTEE IV

TISSUE II (8 Weeks)

Beginning of Committee	February 23, 2015	Monday
End of Committee	April 10, 2015	Friday
Committee Practical Exam	April 16, 2015	Thursday
Committee Biostatistics Exam	April 16, 2015	Friday
Committee Theoretical Exam	April 17, 2015	Friday

White Coat Ceremony and Physicians' Day	March 13-14, 2015	Friday & Saturday
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COMMITTEE V**ENERGY and METABOLISM (6 Weeks)**

Beginning of Committee	April 20, 2015	Monday
End of Committee	May 22, 2015	Friday
Committee Practical Exam	May 28, 2015	Thursday
Committee Biostatistics Exam	May 28, 2015	Thursday
Committee Theoretical Exam	May 29, 2015	Friday

National Holiday	April 23, 2015	Thursday
Labor's Day	May 1, 2015	Friday
National Holiday	May 19, 2015	Tuesday

Basic Medical Sciences I

Make-up Exam	June 08-09, 2015	Monday-Tuesday
Final Exam	June 22, 2015	Monday
Incomplete Exam	July 22, 2015	Wednesday

ICP- I:

Midterm Exam	February 09, 2015	Monday
Make-up Exam	June 10, 2015	Wednesday
Final Exam	June 25- 26, 2015	Thursday, Friday
Incomplete Exam	July 13, 2015	Monday

Turkish Language & Literature

Fall Final Exam	TKL December 27, 2014	Saturday (10:00-12:00)
Spring Final Exam	May 23, 2015	Saturday (10:00-12:00)

Atatürk's Principles & History of Modern Turkey

Fall Final Exam	HTR January 03, 2015	Saturday (10:00-18:00)
Spring Final Exam	May 16, 2015	Saturday (10:00-18:00)

Humanities

Fall Final Exam	HUM December 27, 2014	Saturday (14:00-16:00)
Spring Final Exam	May 23, 2015	Saturday (14:00-16:00)

1. Coordination Committee Meeting	September 29, 2014	Monday
2. Coordination Committee Meeting	January 05, 2015	Monday
3. Coordination Committee Meeting	April 27, 2015	Monday
4. Coordination Committee Meeting	July 01, 2015	Wednesday

FALL AND SPRING SEMESTERS WEEKLY COURSE SCHEDULE and LOCATIONS

FOR MD 132, MD142, HTR 301-302, TKL 201-202, HUM 301-302

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00-09:50	MD 142* (B 311)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)
10:00-10:50	MD 142 (B 311)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)
11:00-11:50	MD 142 (B 311)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)
12:00-12:50		MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)
13:00-13:50	TKL201&202 (B 311)				
14:00-14:50	TKL201&202 (B 311)	MD 132 (C 931-932)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)
15:00-15:50	Humanities Conference	MD 132 (C 931-932)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)
16:00-16:50	HUM 103 (WBAL **)	HTR 301&302 (B311)	MD 120 (B 311)	MD 120 (B 311)	HUM 103 (WBAL **)
17:00-17:50	HUM 103 (WBAL)	HTR 301&302 (B311)	MD 120 (B 311)	MD 120 (B 311)	MD 120 (B 311)

CODE

MD 142

MD 132

TKL201 & 202

HTR 301 & 302

HUM 101

LECTURE

Introduction to Clinical Practice I (ICP-I)

Anatomical Drawing

Turkish Language & Literature

Atatürk's Principles & History of Modern Turkey

Humanities

CLASSES

B 311

Base Floor

C 931-932

5th Floor

* MD 142 Practical Lectures will be in Clinical Skills Laboratory (Base Floor)

** WBAL = will be announced later

**YEDİTEPE UNIVERSITY
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STUDENT COUNSELING

Student counseling is a structured development process established between the student and the consultant that aims to maximize student success by focusing the student to her/his target. Although the major component of this relationship is the student, the faculties also take part by bringing the requirements of this interaction to their systems. The targeted outcomes of the consultant-student interaction are success in the exams, success in the program, and preparation for the professional life. The aim of counseling is to help students to solve their problems, to give professional guidance, to provide coaching, to contribute to adopting the habit of lifelong learning, to provide information about the University and Faculty, to follow their success and failure and to help them select courses. The consultants selected among Basic Medical Sciences instructors for the first three years transfer the students to Clinical Sciences instructors for the following three years.

The topics that will be addressed by the consultants are as follows:

- a. Inform students about the university, faculty and surrounding facilities
- b. Inform students about the courses and help them select courses
- c. Inform students about the education and assessment regulations
- d. Follow students attendance to lectures and success
- e. In case of failure, investigate the causes and cooperate with the students to overcome them
- f. Help students in career planning
- g. Contribute to students adapting the habit of lifelong learning
- h. Guide students to counseling services of the university
- i. Set a role model as long as the professional susceptibility, professional guidance, intellectual responsibility, interaction with peers, ethics, professional values are concerned
- j. Contribute to cultivation of professional and intellectual development in a rapidly changing world
- k. Inform the coordinator when there are unsolved problems of the students

Consultant-student relationship is a dynamic and mutual process carried out within the campus and the hospital. It is recommended that the consultant and the student meet at least twice during a semester.

The expectations from the student are as follows:

- a) Contribute to improvement of satisfaction level in the problem areas
- b) Report the social and economic conditions that require consultant's help
- c) Specify expectations from the education and the department from which this training is taken
- d) Give feedback on the counseling services regarding their satisfaction level

Student counsellors will be appointed after finalization of the class list and will be announced to the students.

After the announcement of the counsellors on the information board, each student is expected to contact his/her counsellor until the end of the current committee.

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PHASE I

ASSESSMENTS

Assessments table will be made with consideration of each learning objective for each committee and will be announced and explained in introductory lectures at the beginning of the committee.

EXAMINATION MATRIX
MD 120 Basic Medical Sciences I

Assessment Modalities

- **Written (Theoretical) Exams**
 - MCQ : Multiple Choice Questions.
 - WE : Written Exam
 - EMQ : Extended Matching Questions.
- **PE: Practical Exams**
 - OSPE: Objectively Structured Practical Exam
- **SPW: Scientific Project Writing** (Assessment by the lecturer)

<u>Committee Exams (CE)</u>	:	WE + OSPE*
Points of Questions in WE	:	100
Question Type Distribution **	:	10% Extended Matching 90% MCQ

<u>Final Exam (FE)</u>	:	WE
Question Number	:	200
Question Type Distribution**	:	96% MCQ 4% Scientific Project Report***

<u>Incomplete Exam (IE)</u>	:	WE
Question Number	:	100
Question Type Distribution*	:	96% MCQ 4% Scientific Project Report***

Mean score of committee examinations and final or incomplete examination score will form **60%** and **40%** of term grade, respectively.

The final examination score and the end of the year grade should not be under 50.

*Details of OSPE are given in the assessment tables at the beginning of each committee program.

****Figures are percentages of points in total written exam score. Figures do not correspond to exact number of questions.**

****Score of the Scientific Project Report of Phase I will also contribute to the score of incomplete examination.**

ICP- I

During the Fall semester ICP I consists of "First Aid" lectures both theoretically and practically. Midterm exam will be MCQ style. In the Spring semester ICP I consists of "Communication Skills in Medicine" both theoretically and mainly practically using standardized patients. The Final examination will be Objective Structured Clinical Exam (OSCE) measuring the skills to communicate with standardized patients and Basic Life Support skills as well as some practical approach skills necessary for the First Aider.

The Midterm exam will be MCQ style effecting the 40% of the end of the year grade

The Final exam will be OSCE effecting the 60% of the end of the year grade.

OSCE

OSCE is an acronym for Objective Structured Clinical Exam. It describes a form of performance-based testing used to measure a student's clinical competence. During an OSCE, students are observed and evaluated as they go through a series of stations in which they interview, examine and treat standardized patients who present with some type of medical problem.

SCIENTIFIC PROJECTS - I

The purpose of Scientific Projects class is to teach the medical students how to read and write a scientific article. Throughout the year, each Phase One student is expected to prepare an article report and present it in class. Students are free to choose their articles from given journal list for article reading part. All article reports are due before the end of first half of the educational year. In second half; students are given four different scenarios of scientific data and are expected to write an article on their choice of scenarios, individually. All articles will be presented as posters at Scientific Day of Yeditepe School of Medicine, during May, 2015. Scientific Projects have four points contribution to final exam results, evaluation scale for projects is as follows:

EVALUATION POINTS

CRITERIA	Very Good	Good	Acceptable	Weak	Bad
Abstract Writing	0.5	0.4	0.3	0.2	0.1
Introduction	0.5	0.4	0.3	0.2	0.1
Methods Part (including statistics, ethical issues etc)	0.5	0.4	0.3	0.2	0.1
Presentation of results (Tables, graphs etc.)	0.5	0.4	0.3	0.2	0.1
Discussion	0.5	0.4	0.3	0.2	0.1
References	0.5	0.4	0.3	0.2	0.1
Article as a whole (representing the given mock data)	0.5	0.4	0.3	0.2	0.1
Overall presentation	0.5	0.4	0.3	0.2	0.1
TOTAL POINTS	4.0				

Yeditepe University Faculty of Medicine Exam Rules

- **Seating-** Students will be seated by the exam observers or proctors. Students are not allowed to change their seats without permission.
- **Electronics** – During examinations or tests, students are prohibited from using electronic devices or any other means of communication and recording that have not been approved beforehand. All electronic devices are prohibited. Anyone who fails to comply with these regulations may be charged with academic fraud.
- **Absence** – No additional time will be given to students who are absent for part of the exam, regardless of the reason for their absence.
- **Scratch Paper** – Students are not allowed to bring scratch paper into the exam room.
- **Meaning of Questions** – Students may not consult the supervisor as to the meaning of any question.
Sign your sheets – Students must sign their multiple-choice answer sheets and/or written-answer sheets.
- **Other activities requiring disciplinary action-** Students must not give or receive assistance of any kind during the exam. Gaining access to exam questions before the exam; • Using an unauthorized calculator or other mechanical aid that is not permitted. • Looking in the exam book before the signal to begin is given. • Marking or otherwise writing on the exam book or answer sheet before the signal to begin is given. • Making any changes, additions, deletions or other marking, erasing or writing on the exam book or answer sheet after the time for the exam has expired. • Having access to or consulting notes or books during the exam. • Looking at or copying from another student's paper. • Enabling another student to copy from one's paper. • Talking or otherwise communicating with another student during the exam or during the read through period. • Disturbing other students during the exam. • Consulting other persons or resources outside the exam room during the exam. • Copying questions or answers either on paper or with an electronic device to take from the exam room. • Taking an exam book or other exam materials from the exam room. • Taking an exam in place of another student. • Arranging to have another person take an exam for the student. • Threatening or verbally abusing a supervisor or proctor responsible for curbing or reporting improper conduct. • Unprofessional and/or unruly behavior towards any Yeditepe University staff, supervisors, proctors, or volunteers at any time during the exam. • Disclosing the contents of an exam to any other person. • Failing to remain in the exam room for a given period of time by the supervisors or proctors. • Failing to follow other exam instructions.
- Students who assist in or are complicit with cheating could also be in violation of the Policy. Thus, students who become aware of their peers either facilitating academic misconduct or committing it should report their suspicions to exam or test observers for investigation.

Those students found to have committed academic misconduct will face administrative sanctions imposed by the administration of Yeditepe University Faculty of Medicine according to the disciplinary rules and regulations of the Turkish Higher Education Council (YÖK) for students: published in the Official Gazette on August 18th, 2012). The standard administrative sanctions include: the creation of a disciplinary record which will be checked by graduate and professional life, result in grade "F" on the assignment, exams or tests or in the class. Students may face suspension and dismissal from the Yeditepe University **for up to one school year**. In addition, student may lose any academic and non academic scholarships given by the Yeditepe University **for up to four years**. The appropriate sanctions are determined by the Yeditepe University administration according to egregiousness of the Policy violation.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

INTRODUCTION TO BASIC MEDICAL SCIENCES

COMMITTEE I

DISTRIBUTION of LECTURE HOURS

September 15, 2014 - October 31, 2014

COMMITTEE DURATION: 6 WEEKS

MD 120	BASIC MEDICAL SCIENCES I DISCIPLINE	THEO.	PRAC.	TOTAL
		106	6	112
	BIOPHYSICS	18	0	18
	HISTOLOGY & EMBRYOLOGY	14	2 Gr x 2 H	16
	MEDICAL BIOLOGY	39	3 Gr x 4 H	43
	MEDICAL HISTORY & ETHICS	10	0	10
	MICROBIOLOGY	3	0	3
	ORGANIC CHEMISTRY	18	0	18
	PHYSIOLOGY	2	0	2
	SCIENTIFIC PROJECT I	2	0	2

MD 132	ANATOMICAL DRAWING	0	10	10
MD 142	ICP I	18	0	18
HTR 301-302	ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	10	0	10
HUM 101-102	HUMANITIES	19	6	25
TKL 201-202	TURKISH LANGUAGE & LITERATURE	12	0	12

TOTAL		165	22	187
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I. Coordination Committee	Head	Turgay İSBİR, PhD Prof.
	Secretary	Çiğdem KASPAR, PhD Assist. Prof.
	Member	Ünal USLU, MD Assoc. Prof.
	Member	Bilge GÜVENÇ TUNA, PhD Assist. Prof.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**INTRODUCTION TO BASIC MEDICAL SCIENCES
COMMITTEE I
LECTURERS**

BASIC MEDICAL SCIENCES I	
DISCIPLINE	FACULTY
BIOPHYSICS	Akif MAHARRAMOV, PhD Assist. Prof. Bilge GÜVENÇ TUNA, PhD Assist. Prof.
HISTOLOGY & EMBRYOLOGY	Ünal USLU, MD Assoc. Prof. Alev CUMBUL, PhD Assist. Prof.
MEDICAL BIOLOGY	Turgay İSBİR, PhD Prof. Deniz KIRAÇ, PhD Assist. Prof. Soner DOĞAN, PhD Assist. Prof.
MEDICAL HISTORY & ETHICS	Elif VATANOĞLU, MD Assist. Prof.
MICROBIOLOGY	Gülden ÇELİK, MD Prof. Yeşim GÜROL, MD Assoc. Prof. Çağatay ACUNER, MD Assoc. Prof.
ORGANIC CHEMISTRY	Esra Önen BAYRAM, PhD Assist. Prof.
PHYSIOLOGY	Bayram YILMAZ, PhD Prof. Burcu ŞEKER, PhD Assist. Prof. Mehtap KAÇAR, MD, PhD Assist. Prof.
SCIENTIFIC PROJECT I	Gülderen YANIKKAYA DEMİREL, MD Assoc. Prof.

INTRODUCTION TO CLINICAL PRACTICE I (ICP- I)	Güldal İZBİRAK, MD Assoc.Prof.
	Hülya AKAN, MD Assoc. Prof.
	Özlem TANRIÖVER, MD Assoc.Prof.
	Arzu AKALIN, MD Assist. Prof.
ANATOMICAL DRAWING	Refik AZİZ, PhD Assist. Prof.
ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	Davut EKŞİ, PhD, Instr.
HUMANITIES	
TURKISH LANGUAGE & LITERATURE	Bedri SELİMHOC AOĞLU, Instr.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**INTRODUCTION TO BASIC MEDICAL SCIENCES
COMMITTEE I
AIM AND LEARNING OBJECTIVES**

AIM

1. **to convey** basic terms and concepts on medical history, physiology, embryology, histology, organic chemistry, biophysics, medical biology and microbiology,
2. **to convey** basic knowledge on viability.

LEARNING OBJECTIVES

At the end of this committee, student should be able to;

- 1.0. explain basic terms and concepts related to basic physics, basic biophysics, system. international units, biomaterials, bio-optics, radiation physics, biomechanics, bioelectronics.
- 2.0. explain mechanic, electrical and optical processes that are characteristics of living organisms.
- 3.0. classify microscope types and list using area
- 4.0. explain methods used in histology and their usage purposes.
- 5.0. explain histological characteristics of cell membrane and functions
- 6.0. summarize the structure of cytoplasmic organelles and relate it to their functions
- 7.0. list the cytoskeleton element and describe probable functions
- 8.0. gain a molecular perspective to all of the biochemical mechanisms in living cells.
- 9.0. explain human genome project and the importance of the results.
- 10.0. explain the structure and function of eukaryotic subcellular organelles.
- 11.0. identify the molecules involved in the communication between the cells
- 12.0. explain the mechanism of signal transduction.
- 13.0. describe the programmed cell death.
- 14.0. define the concepts of medicine, disease and health in the evolutionary perspective.
- 15.0. explain disease and health theories in prehistoric era.
- 16.0. explain history of discovery for important microorganisms causing infections in humans.
- 17.0. define structure of atom and chemical bonds.
- 18.0. for organic compounds;
 - 18.1. define functional groups.
 - 18.2. classify possible reactions.
- 19.0. define homeostasis.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

INTRODUCTION TO BASIC MEDICAL SCIENCES - COMMITTEE I

COMMITTEE EXAM ASSESSMENT TABLE

LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	NUMBER OF QUESTIONS MCQ*			
			CE	FE	IE	TOTAL
1.0, 2.0	BIOPHYSICS	Dr. B.Güvenç Tuna	14	7	4	25
3.0 – 7.0	HISTOLOGY & EMBRYOLOGY	Dr. Ü. Uslu	5	3	2	10
3.0 – 7.0		Dr. A. Cumbul	4	3	1	8
8.0 – 13.0	MEDICAL BIOLOGY	Dr. T. İsbir	28	16	8	52
14.0, 15.0	MEDICAL HISTORY & ETHICS	Dr. E. Vatanoğlu	8	4	2	14
16.0	MICROBIOLOGY	Dr. G. Çelik	3	1	-	4
17.0, 18.1, 18.2	ORGANIC CHEM.	Dr. E.Ö. Bayram	16	7	4	27
19.0	PHYSIOLOGY	Dr. B. Yılmaz	2	1	1	4
	TOTAL		80	42/192[#]	22/96^{##}	144
LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	NUMBER OF QUESTIONS EMQ**, OSPE***, WE****			
			EMQ	OSPE	WE	TOTAL
1.0, 2.0	BIOPHYSICS	Dr. B.Güvenç Tuna	3	-	-	3 pts
3.0 – 7.0	HISTOLOGY& EMB.	Dr. Ü. Uslu	3	1	-	4 pts
8.0 – 13.0	MEDICAL BIOLOGY	Dr. T. İsbir	4	4	-	8 pts

COMMITTEE ASSESSMENT TABLE DESCRIPTION

Total number of multiple choice questions is **80**, equal to **85** pts,

Each multiple choice question has value equal to **1,0625** pts,

Extending matching questions have value equal to **10** pts and this question type will only be used for the Committee Exam (CE).

MCQ*: Multiple Choice Question

EMQ**: Extending Matching Question

OSPE***: Objective Structured Practical Exam

WE****: Written Exam

CE: Committee Exam

FE: Final Exam

IE: Incomplete Exam

pts: Points

[#] **42** out of 192 final exam questions will be from Committee I; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Final Exam Question is worth **0.5** pts)

^{##} **22** out of 96 incomplete exam questions will be from Committee I; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Incomplete Exam Question is worth 1 pt)

PHASE I		INTRODUCTION TO BASIC MEDICAL SCIENCES	COMMITTEE I
I. WEEK			
DAY	HOUR	SUBJECT	LECTURER
15-Sep-2014 MONDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Introduction to Medical Faculty	Dean Lecture
	11.00-11.50	Introduction to Phase I and Committee I	Ç. Kaspar
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
16-Sep-2014 TUESDAY	17.00-17.50	Humanities	
	09.00-09.50	Organic Chemistry: Introduction	E.Ö. Bayram
	10.00-10.50	Electron Structures and Bonding	E.Ö. Bayram
	11.00-11.50	Introduction to the First Aid Programmes	G. İzbirak
	12.00-12.50	Basic Human Body	A. Akalın
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
17-Sep-2014 WEDNESDAY	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	09.00-09.50	Independent study hour	
	10.00-10.50	Scene Assessment	A. Akalın
	11.00-11.50	Basic Life Support	G. İzbirak
	12.00-12.50	Basic Life Support	G. İzbirak
	13.00-13.50		
	14.00-14.50	Introduction to Biophysics; Biomechanics	B.Güvenç Tuna
18-Sep-2014 THURSDAY	15.00-15.50	Physical Measurements and Units, Unit Standards	B.Güvenç Tuna
	16.00-16.50	Introduction to Histology; Basic Terminology	U. Uslu
	17.00-17.50	Conventional Brightfield Microscopy	U. Uslu
	09.00-09.50	Introduction to Medical Biology	T. İsbir
	10.00-10.50	Origin of Life	T. İsbir
	11.00-11.50	Legal Aspect of First Aid	E. Vatanoğlu
	12.00-12.50	Legal Aspect of First Aid	E. Vatanoğlu
	13.00-13.50		
19-Sep-2014 FRIDAY	14.00-14.50	Origin of Life	T. İsbir
	15.00-15.50	Cellular Organization of Life	T. İsbir
	16.00-16.50	Cellular Organization of Life	T. İsbir
	17.00-17.50	Independent study hour	
	09.00-09.50	Organic Reactions Acidity and Basicity	E.Ö. Bayram
	10.00-10.50	Organic Reactions Acidity and Basicity	E.Ö. Bayram
	11.00-11.50	Approaches to Medicine/ Medicine in Prehistoric Times	E. Vatanoğlu
	12.00-12.50	Approaches to Medicine/ Medicine in Prehistoric Times	E. Vatanoğlu
	13.00-13.50		
	14.00-14.50	Cellular Organization of Life	T. İsbir
	15.00-15.50	Cellular Organization of Life	T. İsbir
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

II. WEEK

DAY	HOUR	SUBJECT	LECTURER
22-Sep-2014 MONDAY	09.00-09.50		
	10.00-10.50	Shock and Bleeding Control	H. Akan
	11.00-11.50	Foreign Objects	H. Akan
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
23-Sep-2014 TUESDAY	09.00-09.50	Force, Gravity, Gravitation Law, Mass and Weight	B.Güvenç Tuna
	10.00-10.50	Newton's Laws, Center of Mass	B.Güvenç Tuna
	11.00-11.50	Buffers, pH	E.Ö. Bayram
	12.00-12.50	Buffers, pH	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
24-Sep-2014 WEDNESDAY	09.00-09.50	Importance of Energy for Biological Systems	B.Güvenç Tuna
	10.00-10.50	Velocity, Acceleration, Moment	B.Güvenç Tuna
	11.00-11.50	Cellular Organization of Life (Enzymes)	S. Doğan
	12.00-12.50	Cellular Organization of Life (Enzyme kinetics)	S. Doğan
	13.00-13.50		
	14.00-14.50	Electronmicroscopy	U Uslu
	15.00-15.50	Methods of Histology; Tissue Processing	A. Cumbul
	16.00-16.50	Cellular Organization of Life	T. İsbir
	17.00-17.50	Cell Membrane	T. İsbir
25-Sep-2014 THURSDAY	09.00-09.50	Approaches to Medicine/ Medicine in Prehistoric Times	E. Vatanoğlu
	10.00-10.50	Approaches to Medicine/ Medicine in Prehistoric Times	E. Vatanoğlu
	11.00-11.50	Cell Membrane	T. İsbir
	12.00-12.50	Cell Membrane	T. İsbir
	13.00-13.50		
	14.00-14.50	Basic Tec.: The Prep. of Aqueous Sol. Gr A	M. BIOLOGY
	15.00-15.50	Basic Tec.: The Prep. of Aqueous Sol. Gr A	M. BIOLOGY
	16.00-16.50	Basic Tec.: The Prep. of Aqueous Sol. Gr B	M. BIOLOGY
	17.00-17.50	Basic Tec.: The Prep. of Aqueous Sol. Gr B	M. BIOLOGY
26-Sep-2014 FRIDAY	09.00-09.50	Cytoskeleton	T. İsbir
	10.00-10.50	Cytoskeleton	T. İsbir
	11.00-11.50	Redox Reactions	E.Ö. Bayram
	12.00-12.50	Functional Groups: Alkanes and Cycloalkanes	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	Cytoskeleton	T. İsbir
	15.00-15.50	Cytoskeleton	T. İsbir
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

III. WEEK

DAY	HOUR	SUBJECT	LECTURER
29-Sep-2014 MONDAY	09.00-09.50	Burns, Freezing, Frostbite	H. Akan
	10.00-10.50	Fractures and Dislocation	H. Akan
	11.00-11.50	Fractures and Dislocation	H. Akan
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
30-Sep-2014 TUESDAY	09.00-09.50	Mechanical Powers of Cardiac and Skeletal Muscles	B.Güvenç Tuna
	10.00-10.50	Biomaterials: Stress-Strain, Poisson's Law	B.Güvenç Tuna
	11.00-11.50	Cell Adhesion	T. İsbir
	12.00-12.50	Cell Adhesion	T. İsbir
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
1-Oct-2014 WEDNESDAY	09.00-09.50	Alkenes	E.Ö. Bayram
	10.00-10.50	Alkenes	E.Ö. Bayram
	11.00-11.50	Cell Adhesion	T. İsbir
	12.00-12.50	Cell Signalling Events	T. İsbir
	13.00-13.50		
	14.00-14.50	Methods of Histology; Immunohistochemistry	A. Cumbul
	15.00-15.50	Other Histologic Methods	A. Cumbul
	16.00-16.50	Cell Signalling Events	T. İsbir
	17.00-17.50	Cell Signalling Events	T. İsbir
2-Oct-2014 THURSDAY	09.00-09.50	Assyro-Babylon Medicine	E. Vatanoglu
	10.00-10.50	Assyro-Babylon Medicine	E. Vatanoglu
	11.00-11.50	Cell Signalling Events	T. İsbir
	12.00-12.50	Cell Signalling Events	T. İsbir
	13.00-13.50		
	14.00-14.50	Cell Signalling Events	T. İsbir
	15.00-15.50	Basic Tec.: The Prep. of Aqueous Sol. Gr C	M. BIOLOGY
	16.00-16.50	Basic Tec.: The Prep. of Aqueous Sol. Gr C	M. BIOLOGY
	17.00-17.50	Independent study hour	
3-Oct-2014 FRIDAY	09.00-09.50	RELIGIOUS HOLIDAY EVE	
	10.00-10.50	RELIGIOUS HOLIDAY EVE	
	11.00-11.50	RELIGIOUS HOLIDAY EVE	
	12.00-12.50	RELIGIOUS HOLIDAY EVE	
	13.00-13.50		
	14.00-14.50	RELIGIOUS HOLIDAY EVE	
	15.00-15.50	RELIGIOUS HOLIDAY EVE	
	16.00-16.50	RELIGIOUS HOLIDAY EVE	
	17.00-17.50	RELIGIOUS HOLIDAY EVE	

IV. WEEK

DAY	HOUR	SUBJECT	LECTURER
6-Oct-2014 MONDAY	09.00-09.50	RELIGIOUS HOLIDAY	
	10.00-10.50		
	11.00-11.50		
	12.00-12.50		
	13.00-13.50		
	14.00-14.50		
	15.00-15.50		
	16.00-16.50		
7-Oct-2014 TUESDAY	09.00-09.50	RELIGIOUS HOLIDAY	
	10.00-10.50		
	11.00-11.50		
	12.00-12.50		
	13.00-13.50		
	14.00-14.50		
	15.00-15.50		
	16.00-16.50		
8-Oct-2014 WEDNESDAY	09.00-09.50	Electric Charges, Electric Field	B.Güvenç Tuna
	10.00-10.50	Membrane Impedance, Bioelectrical Activity	B.Güvenç Tuna
	11.00-11.50	Stereochemistry	E.Ö. Bayram
	12.00-12.50	Stereochemistry	E.Ö. Bayram
	13.00-13.50	Independent study hour	
	14.00-14.50		
	15.00-15.50		
	16.00-16.50		
9-Oct-2014 THURSDAY	09.00-09.50	Alkynes and Alkyl Halides	E.Ö. Bayram
	10.00-10.50	Alkynes and Alkyl Halides	E.Ö. Bayram
	11.00-11.50	Introduction to Physiology and Homeostasis	B. Yılmaz
	12.00-12.50	Introduction to Physiology and Homeostasis	B. Yılmaz
	13.00-13.50	Cell; General Specification	U. Uslu
	14.00-14.50		
	15.00-15.50	Electric Current Effects on Human Tissue	B.Güvenç Tuna
	16.00-16.50	Electrical Security Systems	B.Güvenç Tuna
10-Oct-2014 FRIDAY	09.00-09.50	Independent study hour	
	10.00-10.50		
	11.00-11.50	Cell Membrane Structure	A. Cumbul
	12.00-12.50	Cell Membrane Function; Transport	A. Cumbul
	13.00-13.50	Signal Transduction	U. Uslu
	14.00-14.50	Nature of Light, Electromagnetic Spectrum, Lenses	B.Güvenç Tuna
	15.00-15.50	Lens-maker Equation	B.Güvenç Tuna
	16.00-16.50	Humanities	Independent study hour
	17.00-17.50		

V. WEEK

DAY	HOUR	SUBJECT	LECTURER
13-Oct-2014 MONDAY	09.00-09.50	Injuries	A. Akalın
	10.00-10.50	The Unconscious Causality	G. İzbırak
	11.00-11.50	Poisoning	A. Akalın
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
14-Oct-2014 TUESDAY	09.00-09.50	Assyro-Babylon Medicine	E. Vatanoğlu
	10.00-10.50	Assyro-Babylon Medicine	E. Vatanoğlu
	11.00-11.50	Intercellular Cell Signalling	T. İsbir
	12.00-12.50	Intercellular Cell Signalling	T. İsbir
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
15-Oct-2014 WEDNESDAY	09.00-09.50	LAB:Population Genetics&Epigenetics GrA	M. BIOLOGY
	10.00-10.50	LAB:Population Genetics&Epigenetics GrA	M. BIOLOGY
	11.00-11.50	Cell Cycle and Mitosis	T. İsbir
	12.00-12.50	Cell Cycle and Mitosis	T. İsbir
	13.00-13.50		
	14.00-14.50	Programmed Cell Death	T. İsbir
	15.00-15.50	Programmed Cell Death	T. İsbir
	16.00-16.50	History and Scope of Microbiology	G. Çelik
	17.00-17.50	Independent study hour	
16-Oct-2014 THURSDAY	09.00-09.50	History and Scope of Microbiology	G. Çelik
	10.00-10.50	History and Scope of Microbiology	G. Çelik
	11.00-11.50	Programmed Cell Death	T. İsbir
	12.00-12.50	Programmed Cell Death	T. İsbir
	13.00-13.50		
	14.00-14.50	LAB: Microscopy Gr A	HISTOLOGY
	15.00-15.50	LAB: Microscopy Gr A	HISTOLOGY
	16.00-16.50	LAB: Microscopy Gr B	HISTOLOGY
	17.00-17.50	LAB: Microscopy Gr B	HISTOLOGY
17-Oct-2014 FRIDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	LAB:Population Genetics&Epigenetics GrB	M. BIOLOGY
	12.00-12.50	LAB:Population Genetics&Epigenetics GrB	M. BIOLOGY
	13.00-13.50		
	14.00-14.50	LAB:Population Genetics&Epigenetics GrC	M. BIOLOGY
	15.00-15.50	LAB:Population Genetics&Epigenetics GrC	M. BIOLOGY
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

VI. WEEK

DAY	HOUR	SUBJECT	LECTURER
20-Oct-2014 MONDAY	09.00-09.50	Animal and Insect Bite	Ö.Tanrıöver
	10.00-10.50	Drowning	Ö.Tanrıöver
	11.00-11.50	Patient-Causalty Transportation Techniques	Ö.Tanrıöver
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocalıoğlu
	14.00-14.50	Turkish Language & Literature	B. Selimhocalıoğlu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
21-Oct-2014 TUESDAY	09.00-09.50	Cellular Homeostosis and Cell Growth	T. İsbir
	10.00-10.50	Cellular Homeostosis and Cell Growth	T. İsbir
	11.00-11.50	Alcohols and Phenols	E.Ö. Bayram
	12.00-12.50	Alcohols and Phenols	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
22-Oct-2014 WEDNESDAY	09.00-09.50	Problem Hours in Organic Chemistry	E.Ö. Bayram
	10.00-10.50	Problem Hours in Organic Chemistry	E.Ö. Bayram
	11.00-11.50	Cell Cycle, Mitosis and Meiosis	D. Kırac
	12.00-12.50	Cell Cycle, Mitosis and Meiosis	D. Kırac
	13.00-13.50		
	14.00-14.50	Organalles; ER, Golgi and Ribosomes (Protein Synthesis)	U. Uslu
	15.00-15.50	Organalles; Vesicular Transport, Mitochondria	U. Uslu
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
23-Oct-2014 THURSDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Optical Aberrations	B.Güvenç Tuna
	12.00-12.50	Vision and Eye	B.Güvenç Tuna
	13.00-13.50		
	14.00-14.50	Egyptian Medicine	E. Vatanoğlu
	15.00-15.50	Egyptian Medicine	E. Vatanoğlu
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
24-Oct-2014 FRIDAY	09.00-09.50	How to Read and Write an Article	G. D. Yanıkaya
	10.00-10.50	How to Read and Write an Article	G. D. Yanıkaya
	11.00-11.50	Cytoskeleton; General Spec, Microfilament	A. Cumbul
	12.00-12.50	Cytoskeleton; Intermed. Fil. & Microtubule	U. Uslu
	13.00-13.50		
	14.00-14.50	Optic Nerves, Extra-ocular Muscles	B.Güvenç Tuna
	15.00-15.50	Refraction Errors in the Eye, Microscope	B.Güvenç Tuna
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

VII. WEEK

DAY	HOUR	SUBJECT	LECTURER
27-Oct-2014 MONDAY	09.00-09.50	Independent study hour	B. Selimhocaoglu B. Selimhocaoglu
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	
	14.00-14.50	Turkish Language & Literature	
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
28-Oct-2014 TUESDAY	17.00-17.50	Humanities	
29-Oct-2014 WEDNESDAY		REPUBLIC DAY	
30-Oct-2014 THURSDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
31-Oct-2014 FRIDAY	17.00-17.50	Independent study hour	
	09.00-09.50		
	10.00-10.50	THEORETICAL EXAM	
	11.00-11.50	THEORETICAL EXAM	
	12.00-12.50	THEORETICAL EXAM	
	13.00-13.50		
	14.00-14.50	REVIEW OF THE COMMITTEE EXAM QUESTIONS	
	15.00-15.50	REVIEW OF THE COMMITTEE EXAM QUESTIONS	
	16.00-16.50	Humanities	
	17.00-17.50		

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**CELL – COMMITTEE II
DISTRIBUTION of LECTURE HOURS**

November 03, 2014 - December 26, 2014

COMMITTEE DURATION: 8 WEEKS

MD 120	BASIC MEDICAL SCIENCES I DISCIPLINE	THEO.	PRAC.	TOTAL
		113	15	128
	ANATOMY	13	2Grx7H	20
	BIOPHYSICS	14	0	14
	HISTOLOGY and EMBRYOLOGY	14	0	14
	MEDICAL BIOLOGY	33	3Grx6H	39
	MEDICAL HISTORY & ETHICS	6	0	6
	MICROBIOLOGY	8	0	8
	ORGANIC CHEMISTRY	18	0	18
	PHYSIOLOGY	5	3Grx2H	7
	SCIENTIFIC PROJECT I	2	0	2

MD 132	ANATOMICAL DRAWING	0	16	16
MD 142	ICP-I	0	4Grx3H 2Grx3H	5
HTR 301-302	ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	16	0	16
HUM 101-102	HUMANITIES	21	8	29
TKL 201-202	TURKISH LANGUAGE & LITERATURE	16	0	16

TOTAL		166	44	210
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II. Coordination Committee	Head	Turgay İSBİR, PhD Prof.
	Secretary	Kaan YÜCEL, MD, PhD Assist. Prof.
	Member	Ünal USLU, MD Assoc. Prof.
	Member	Soner DOĞAN, PhD Assist. Prof.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**CELL – COMMITTEE II
LECTURERS**

BASIC MEDICAL SCIENCES I	
DISCIPLINE	FACULTY
ANATOMY	Ioannis SIATITSAS, MD, PhD Prof.
	Kaan YÜCEL, MD, PhD Assist. Prof.
	Yüksel AYDAR, PhD Prof.
BIOPHYSICS	Akif MAHARRAMOV, PhD Assist. Prof.
	Bilge GÜVENÇ TUNA, PhD Assist. Prof.
HISTOLOGY & EMBRYOLOGY	Ünal USLU, MD Assoc. Prof.
	Alev CUMBUL, PhD Assist. Prof.
MEDICAL BIOLOGY	Turgay İSBİR, PhD Prof.
	Deniz KIRAÇ, PhD Assist. Prof.
	Soner DOĞAN, PhD Assist. Prof.
MEDICAL HISTORY & ETHICS	Elif VATANOĞLU, MD Assist. Prof.
MICROBIOLOGY	Güliden ÇELİK, MD Prof.
	Yeşim GÜROL, MD Assoc. Prof.
	Çağatay ACUNER, MD Assoc. Prof.
ORGANIC CHEMISTRY	Esra Önen BAYRAM, PhD Assist. Prof.
PHYSIOLOGY	Bayram YILMAZ, PhD Prof.
	Burcu ŞEKER, PhD Assist. Prof.
	Mehtap KAÇAR, MD, PhD Assist. Prof.
SCIENTIFIC PROJECT I	Gülderen YANIKKAYA DEMİREL, MD Assoc. Prof.

INTRODUCTION TO CLINICAL PRACTICE I (ICP-I)	Güldal İZBIRAK, MD Assoc.Prof.
	Hülya AKAN, MD Assoc. Prof.
	Özlem TANRIÖVER, MD Assoc.Prof.
	Arzu AKALIN, MD Assist. Prof.
ANATOMICAL DRAWING	Refik AZİZ, PhD Assist.Prof.
ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	Davut EKŞİ, PhD, Instr.
HUMANITIES	
TURKISH LANGUAGE & LITERATURE	Bedri SELİMHOC AOĞLU, Instr.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**CELL – COMMITTEE II
AIM and LEARNING OBJECTIVES**

AIM

1. **to convey** basic term and concepts on medical history, anatomy, physiology, embryology, histology, medical biology, biophysics, organic chemistry and microbiology.
2. **to convey** knowledge on cellular structure and functions.
3. **to convey** knowledge on system-specific (bones, skull, vertebra, and thorax) anatomy and its clinical applications.

LEARNING OBJECTIVES

At the end of this committee, student should be able to;

- 1.0. define fundamental concepts of anatomy
 - 1.1. define anatomy, its historical development and basic anatomical terms.
 - 1.2. *explain basic concepts related to regional and systematic anatomy, and osteology.*
- 2.0. define anatomical properties and clinical implications for skull bones, vertebrae and thorax.
- 3.0. explain basic terms and concepts about radiation biophysics, radiation safety and use of lasers.
- 4.0. list effects of radiation to the organism, its evaluation methods on the cellular basis and protection approaches.
- 5.0. explain histological characteristics of cell nucleus.
- 6.0. list the difference between mitosis and meiosis.
- 7.0. list the difference between male and female gametogenesis.
- 8.0. list developmental events respectively from zygote to neurulation.
- 9.0. define basic ions that are diffused in intracellular and extracellular fluids and their concentrated regions.
- 10.0. explain transfer mechanisms of cellular membrane and the connection of these mechanisms with material and energy requirements.
- 11.0. explain the roles of DNA and RNA in the maintenance of living organism.
- 12.0. list the protein synthesis steps and define the mechanisms of regulation of gene expression.
- 13.0. define types of mutations and emphasize the importance of gene polymorphisms in human health and variability.
- 14.0. define plasmids and their use in molecular biology,
- 15.0. explain the identification methods of chromosomes and their use in medical clinics.
- 16.0. Define the correlation of medicine, art and philosophy from prehistoric ages to date.
- 17.0. for microorganisms;
 - 17.1. classify
 - 17.2. list general characteristics.
- 18.0. define structure of organic compounds and their chemical reactions
- 19.0. define structures and reactions of macromolecules such as amino acid, protein, lipid and carbohydrate.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**CELL - COMMITTEE II
COMMITTEE EXAM ASSESSMENT TABLE**

LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	NUMBER OF QUESTIONS MCQ*			
			CE	FE	IE	TOTAL
1.0, 2.0	ANATOMY	Dr. I. Siatitsas	6	6	3	15
1.0, 2.0		Dr. Y. Aydar				
3.0, 4.0	BIOPHYSICS	Dr. B.Güvenç Tuna	12	6	3	21
5.0 – 8.0	HISTOLOGY	Dr. U. Uslu	4	3	1	8
5.0 – 8.0	EMBRYOLOGY	Dr. A. Cumbul	5	3	2	10
11.0 -15.0	MEDICAL BIOLOGY	Dr. T. Isbir	23	13	7	43
16.0	MEDICAL HISTORY & ETHICS	Dr. E. Vatanoğlu	5	2	1	8
17.1, 17.2	MICROBIOLOGY	Dr. G. Çelik	4	1	1	6
17.1, 17.2	MICROBIOLOGY	Dr. Y. Gurol	3	2	1	6
18.0, 19.0	ORGANIC CHEM.	Dr. E.O. Bayram	15	6	3	24
9.0, 10.0	PHYSIOLOGY	Dr. B. Yilmaz	3	2	1	6
	TOTAL		80	44/192[#]	23/96^{##}	147
LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	POINT OF QUESTIONS EMQ**, OSPE***, WE****			
			EMQ	OSPE	WE	TOTAL
1.0, 2.0	ANATOMY	Dr. I. Siatitsas	3	4	-	7 pts
5.0 – 8.0	HISTOLOGY & EMB.	Dr. U. Uslu	3	-	-	3 pts
11.0 -15.0	MEDICAL BIOLOGY	Dr. T. Isbir	4	4	-	8 pts
9.0, 10.0	PHYSIOLOGY	Dr. B. Yilmaz	-	2	-	2 pts

COMMITTEE ASSESSMENT TABLE DESCRIPTION

Total number of multiple choice questions is **80**, equal to **80** pts,

Each multiple choice question has value equal to **1** pts,

Extending matching questions have value equal to **10** pts and this question type will only be used for the Committee Exam (CE).

Objective structured practical exams have value equal to **10** pts.

MCQ*: Multiple Choice Question

EMQ**: Extending Matching Question

OSPE***: Objective Structured Practical Exam

WE****: Written Exam

CE: Committee Exam

FE: Final Exam

IE: Incomplete Exam

[#] **44** out of 192 final exam questions will be from Committee II; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Final Exam Question is worth 0.5 pts).

^{##} **23** out of 96 incomplete exam questions will be from Committee II; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Incomplete Exam Question is worth 1 pt).

I. WEEK	PHASE I	CELL	COMMITTEE II
DAY	HOUR	SUBJECT	LECTURER
3-Nov-2014	09.00-09.50	LAB: Basic Life Support Group I	G. İzbirak & A. Akalın
MONDAY	10.00-10.50	LAB: Basic Life Support Group I	G. İzbirak & A. Akalın
	11.00-11.50	LAB: Basic Life Support Group I	G. İzbirak & A. Akalın
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
4-Nov-2014	09.00-09.50	Introduction to Committee II	K. Yücel
TUESDAY	10.00-10.50	Introduction to anatomy	I. Siatitsas
	11.00-11.50	Ethers and Epoxides; Thiols and Sulfides	E.Ö. Bayram
	12.00-12.50	Ethers and Epoxides; Thiols and Sulfides	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
5-Nov-2014	09.00-09.50	Cell Nucleus	A. Cumbul
WEDNESDAY	10.00-10.50	Decay Curve and the Decay Law of Radioactivity	B.Güvenç Tuna
	11.00-11.50	Decay Curve and the Decay Law of Radioactivity	B.Güvenç Tuna
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	General Structures of Bacteria, Mycoplasma, Chlamydia and Rickettsiae	G. Çelik
	15.00-15.50	General Structures of Bacteria, Mycoplasma, Chlamydia and Rickettsiae	G. Çelik
	16.00-16.50	LAB: Introduction to Anatomy Gr. A	ANATOMY
	17.00-17.50	LAB: Introduction to Anatomy Gr. B	ANATOMY
6-Nov-2014	09.00-09.50	General Structure of Fungi	Y. Gürol
THURSDAY	10.00-10.50	General Structure of Fungi	Y. Gürol
	11.00-11.50	Chinese Medicine	E. Vatanoğlu
	12.00-12.50	Chinese Medicine	E. Vatanoğlu
	13.00-13.50		
	14.00-14.50	Deoxyribonucleic Acid and Ribonucleic Acid	T. İsbir
	15.00-15.50	Deoxyribonucleic Acid and Ribonucleic Acid	T. İsbir
	16.00-16.50	Particle Radiation (α , β , γ particles)	B.Güvenç Tuna
	17.00-17.50	Particle Radiation (α , β , γ particles)	B.Güvenç Tuna
7-Nov-2014	09.00-09.50	General Structure of Viruses	G. Çelik
FRIDAY	10.00-10.50	General Structure of Viruses	G. Çelik
	11.00-11.50	Deoxyribonucleic Acid and Ribonucleic Acid	T. İsbir
	12.00-12.50	Deoxyribonucleic Acid and Ribonucleic Acid	T. İsbir
	13.00-13.50		
	14.00-14.50	How to Read and Write an Article	G. D. Yanıkkaya
	15.00-15.50	How to Read and Write an Article	G. D. Yanıkkaya
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

II. WEEK

DAY	HOUR	SUBJECT	LECTURER
10-Nov-2014 MONDAY	09.00-09.50	Commemoration of Atatürk	
	10.00-10.50	Commemoration of Atatürk	
	11.00-11.50	Commemoration of Atatürk	
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
11-Nov-2014 TUESDAY	17.00-17.50	Humanities	
	09.00-09.50	Terminology in Anatomy	I. Siatitsas
	10.00-10.50	Introduction to Osteology	I. Siatitsas
	11.00-11.50	Carbonyl Compounds	E.Ö. Bayram
	12.00-12.50	Carbonyl Compounds	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
12-Nov-2014 WEDNESDAY	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	09.00-09.50	Biosynthesis of Nucleotides	T. İsbir
	10.00-10.50	Biosynthesis of Nucleotides	T. İsbir
	11.00-11.50	Cell Cycle and Mitosis	A. Cumbul
	12.00-12.50	Cell Cycle; Meiosis	A. Cumbul
	13.00-13.50		
	14.00-14.50	Cell Membrane	B. Yılmaz
13-Nov-2014 THURSDAY	15.00-15.50	Distribution of Substances in Body Fluids	B. Yılmaz
	16.00-16.50	Neurocranium	I. Siatitsas
	17.00-17.50	Neurocranium	I. Siatitsas
	09.00-09.50	Indian Medicine	E. Vatanoğlu
	10.00-10.50	Indian Medicine	E. Vatanoğlu
	11.00-11.50	Protein Synthesis and Turnover	T. İsbir
	12.00-12.50	Protein Synthesis and Turnover	T. İsbir
	13.00-13.50		
14-Nov-2014 FRIDAY	14.00-14.50	Osmotic Pressure and Permeability of the Cell Membrane	B. Yılmaz
	15.00-15.50	LAB: Neurocranium Group B	ANATOMY
	16.00-16.50	LAB: Neurocranium Group A	ANATOMY
	17.00-17.50	Independent study hour	
	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Carboxylic acid	E.Ö. Bayram
	12.00-12.50	Amines and other amine functional groups	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	Protein Synthesis and Turnover	T. İsbir
	15.00-15.50	Protein Synthesis and Turnover	T. İsbir
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

III. WEEK

DAY	HOUR	SUBJECT	LECTURER
17-Nov-2014	09.00-09.50	LAB: Basic Life Support Group II	G. İzbirak & A. Akalın
MONDAY	10.00-10.50	LAB: Basic Life Support Group II	G. İzbirak & A. Akalın
	11.00-11.50	LAB: Basic Life Support Group II	G. İzbirak & A. Akalın
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
18-Nov-2014	09.00-09.50	Independent study hour	
TUESDAY	10.00-10.50	Nucleus and Radioactivity	B.Güvenç Tuna
	11.00-11.50	Intro. to Embryology; Basic Terminology	U. Uslu
	12.00-12.50	Human Devopmental Periods	U. Uslu
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
19-Nov-2014	09.00-09.50	Viscerocranium	Y. Aydar
WEDNESDAY	10.00-10.50	Viscerocranium	Y. Aydar
	11.00-11.50	Greek Medicine and Contemporary Medicine	E. Vatanoğlu
	12.00-12.50	Greek Medicine and Contemporary Medicine	E. Vatanoğlu
	13.00-13.50		
	14.00-14.50	Gametogenesis; Spermatogenesis	A. Cumbul
	15.00-15.50	Oogenesis; Ovarian Cycle	Ü. Uslu
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
20-Nov-2014	09.00-09.50	Regulation of Gene Expression	T. İsbir
THURSDAY	10.00-10.50	Regulation of Gene Expression	T. İsbir
	11.00-11.50	Problem Hours in Organic Chemistry	E.Ö. Bayram
	12.00-12.50	Problem Hours in Organic Chemistry	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	LAB : Mitosis and Meiosis Gr C	M. BIOLOGY
	15.00-15.50	LAB : Mitosis and Meiosis Gr C	M. BIOLOGY
	16.00-16.50	LAB : Mitosis and Meiosis Gr B	M. BIOLOGY
	17.00-17.50	LAB : Mitosis and Meiosis Gr B	M. BIOLOGY
21-Nov-2014	09.00-09.50	LAB: Viscerocranium Group A	ANATOMY
FRIDAY	10.00-10.50	Photoelectric Action, Compton Action	B.Güvenç Tuna
	11.00-11.50	Regulation of Gene Expression	T. İsbir
	12.00-12.50	Regulation of Gene Expression	T. İsbir
	13.00-13.50		
	14.00-14.50	LAB : Mitosis and Meiosis Gr A	M. BIOLOGY
	15.00-15.50	LAB : Mitosis and Meiosis Gr A	M. BIOLOGY
	16.00-16.50	Humanities	
	17.00-17.50	LAB: Viscerocranium Group B	ANATOMY

IV. WEEK

DAY	HOUR	SUBJECT	LECTURER
24-Nov-2014 MONDAY	09.00-09.50	LAB: Basic Life Support Group III	G. İzbirak & A. Akalın
	10.00-10.50	LAB: Basic Life Support Group III	G. İzbirak & A. Akalın
	11.00-11.50	LAB: Basic Life Support Group III	G. İzbirak & A. Akalın
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
25-Nov-2014 TUESDAY	17.00-17.50	Humanities	
	09.00-09.50	Independent study hour	
	10.00-10.50	Benzene and Heterocyclic Compounds	E.Ö. Bayram
	11.00-11.50	Benzene and Heterocyclic Compounds	E.Ö. Bayram
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
26-Nov-2014 WEDNESDAY	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	09.00-09.50	Half Value Thickness	B.Güvenç Tuna
	10.00-10.50	Units of Radioactivity	B.Güvenç Tuna
	11.00-11.50	Tools in Medical Biology	T. İsbir
	12.00-12.50	Tools in Medical Biology	T. İsbir
	13.00-13.50		
	14.00-14.50	Tools in Medical Biology	T. İsbir
27-Nov-2014 THURSDAY	15.00-15.50	Oogenesis; Follicular and Menstruel Cycle	U.Uslu
	16.00-16.50	Fertilization	U.Uslu
	17.00-17.50	Independent study hour	
	09.00-09.50	Chemistry of Biomolecules: Lipids	E.Ö. Bayram
	10.00-10.50	Organic Chemistry of Biomolecules: Lipids	E.Ö. Bayram
	11.00-11.50	Genomics, Proteomics and Metabolomics	T. İsbir
	12.00-12.50	Genomics, Proteomics and Metabolomics	T. İsbir
	13.00-13.50		
28-Nov-2014 FRIDAY	14.00-14.50	Axial Skeleton	I. Siatitsas
	15.00-15.50	Axial Skeleton	I. Siatitsas
	16.00-16.50	LAB: Axial Skeleton Group B	ANATOMY
	17.00-17.50	LAB: Axial Skeleton Group A	ANATOMY
	09.00-09.50	Chromosome Structure and Function, Plasmids, Transposable Genetic Elements	T. İsbir
	10.00-10.50	Chromosome Structure and Function, Plasmids, Transposable Genetic Elements	T. İsbir
	11.00-11.50	Transport of Substances Through the Cell	B. Yılmaz
	12.00-12.50	Transport of Substances Through the Cell	B. Yılmaz
	13.00-13.50		
	14.00-14.50	Blastulation	A. Cumbul
	15.00-15.50	Implantation; Events	Ü.Uslu
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

V. WEEK			
DAY	HOUR	SUBJECT	LECTURER
1-Dec-2014	09.00-09.50	LAB: Basic Life Support Group IV	G. İzbirak & A. Akalın
MONDAY	10.00-10.50	LAB: Basic Life Support Group IV	G. İzbirak & A. Akalın
	11.00-11.50	LAB: Basic Life Support Group IV	G. İzbirak & A. Akalın
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
2-Dec-2014	09.00-09.50	Independent study hour	
TUESDAY	10.00-10.50	Independent study hour	
	11.00-11.50	Radioisotopes in Medicine	B.Güvenç Tuna
	12.00-12.50	Radioisotopes in Medicine	B.Güvenç Tuna
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
3-Dec-2014	09.00-09.50	Gastrulation; Primitive Streak, Notochord Formation	Ü. Uslu
WEDNESDAY	10.00-10.50	Somitogenesis; Mesoderm Organization	Ü. Uslu
	11.00-11.50	LAB: Osmosis and Diffusion Gr A	PHYSIOLOGY
	12.00-12.50	LAB: Osmosis and Diffusion Gr A	PHYSIOLOGY
	13.00-13.50		
	14.00-14.50	LAB: Osmosis and Diffusion Gr B	PHYSIOLOGY
	15.00-15.50	LAB: Osmosis and Diffusion Gr B	PHYSIOLOGY
	16.00-16.50	LAB: Osmosis and Diffusion Gr C	PHYSIOLOGY
	17.00-17.50	LAB: Osmosis and Diffusion Gr C	PHYSIOLOGY
4-Dec-2014	09.00-09.50	Sphenoid, Temporal, and Temporomandibular joint	I. Siatitsas
THURSDAY	10.00-10.50	Sphenoid, Temporal, and Temporomandibular joint	I. Siatitsas
	11.00-11.50	Chromosome Structure and Function, Plasmids, Transposable Genetic Elements	T. İsbir
	12.00-12.50	Chromosome Structure and Function, Plasmids, Transposable Genetic Elements	T. İsbir
	13.00-13.50		
	14.00-14.50	LAB: Sphenoid, Temporal, Temporomandibular joint Gr A	ANATOMY
	15.00-15.50	LAB: Sphenoid, Temporal, Temporomandibular joint Gr A	ANATOMY
	16.00-16.50	LAB: Sphenoid, Temporal, Temporomandibular joint Gr B	ANATOMY
	17.00-17.50	LAB: Sphenoid, Temporal, Temporomandibular joint Gr B	ANATOMY
5-Dec-2014	09.00-09.50	Independent study hour	
FRIDAY	10.00-10.50	Independent study hour	
	11.00-11.50	General Structure of Parasites	Y. Gürol
	12.00-12.50	General Structure of Parasites	Y. Gürol
	13.00-13.50		
	14.00-14.50	DNA Damage and Repair Mechanism	T. İsbir
	15.00-15.50	DNA Damage and Repair Mechanism	T. İsbir
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

VI. WEEK

DAY	HOUR	SUBJECT	LECTURER
8-Dec-2014	09.00-09.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group I	Ö Tanrıöver & H Akan
MONDAY	10.00-10.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group I	Ö Tanrıöver & H Akan
	11.00-11.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group I	Ö Tanrıöver & H Akan
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaloğlu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaloğlu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
9-Dec-2014	09.00-09.50	Independent study hour	
TUESDAY	10.00-10.50	Biological Mechanisms of Radiation	B.Güvenç Tuna
	11.00-11.50	Radiation Safety	B.Güvenç Tuna
	12.00-12.50	Neurulation; Neuroectoderm Organization	A. Cumbul
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
10-Dec-2014	09.00-09.50	Lasers in Medicine	B.Güvenç Tuna
WEDNESDAY	10.00-10.50	Lasers in Medicine	B.Güvenç Tuna
	11.00-11.50	Chemistry of Biomolecules: Carbohydrates	E.Ö. Bayram
	12.00-12.50	Chemistry of Biomolecules: Carbohydrates	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	Mutations and Polymorphism	T. İsbir
	15.00-15.50	Mutations and Polymorphism	T. İsbir
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
11-Dec-2014	09.00-09.50	Mendelian Laws and Inheritance	T. İsbir
THURSDAY	10.00-10.50	Mendelian Laws and Inheritance	T. İsbir
	11.00-11.50	Chem. of Biomo. :Amino Acids & Proteins	E.Ö. Bayram
	12.00-12.50	Chem. of Biomo. :Amino Acids & Proteins	E.Ö. Bayram
	13.00-13.50		
	14.00-14.50	LAB: Overview of Cranium and Axial Skeleton Gr B	ANATOMY
	15.00-15.50	LAB: Overview of Cranium and Axial Skeleton Gr A	ANATOMY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
12-Dec-2014	09.00-09.50	LAB: Nucleic Acid Purification Gr B	M. BIOLOGY
FRIDAY	10.00-10.50	LAB: Nucleic Acid Purification Gr B	M. BIOLOGY
	11.00-11.50	LAB: Nucleic Acid Purification Gr A	M. BIOLOGY
	12.00-12.50	LAB: Nucleic Acid Purification Gr A	M. BIOLOGY
	13.00-13.50		
	14.00-14.50	LAB: Nucleic Acid Purification Gr C	M. BIOLOGY
	15.00-15.50	LAB: Nucleic Acid Purification Gr C	M. BIOLOGY
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

VII. WEEK

15-Dec-2014	09.00-09.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group II	Ö Tanrıöver & H Akan
MONDAY	10.00-10.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group II	Ö Tanrıöver & H Akan
	11.00-11.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group II	Ö Tanrıöver & H Akan
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
16-Dec-2014	09.00-09.50	Problem Hours in Organic Chemistry	E.Ö. Bayram
TUESDAY	10.00-10.50	Problem Hours in Organic Chemistry	E.Ö. Bayram
	11.00-11.50	Mendelian Laws and Inheritance	T. İsbir
	12.00-12.50	Mendelian Laws and Inheritance	T. İsbir
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
17-Dec-2014	09.00-09.50	Introduction to Arthrology and Kinesiology I	I. Siatitsas
WEDNESDAY	10.00-10.50	Introduction to Arthrology and Kinesiology I	I. Siatitsas
	11.00-11.50	Biological Aspects of Development	T. İsbir
	12.00-12.50	Biological Aspects of Development	T. İsbir
	13.00-13.50		
	14.00-14.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group III	Ö Tanrıöver & H Akan
	15.00-15.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group III	Ö Tanrıöver & H Akan
	16.00-16.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group III	Ö Tanrıöver & H Akan
	17.00-17.50	Independent study hour	
18-Dec-2014	09.00-09.50	LAB : Gene Identification in Cancer Gr A	M. BIOLOGY
THURSDAY	10.00-10.50	LAB : Gene Identification in Cancer Gr A	M. BIOLOGY
	11.00-11.50	LAB : Gene Identification in Cancer Gr B	M. BIOLOGY
	12.00-12.50	LAB : Gene Identification in Cancer Gr B	M. BIOLOGY
	13.00-13.50		
	14.00-14.50	LAB : Gene Identification in Cancer Gr C	M. BIOLOGY
	15.00-15.50	LAB : Gene Identification in Cancer Gr C	M. BIOLOGY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
19-Dec-2014	09.00-09.50	Independent study hour	
FRIDAY	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Humanities	
	17.00-17.50	Independent study hour	

VIII. WEEK

22-Dec-2014 MONDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
23-Dec-2014 TUESDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
24-Dec-2014 WEDNESDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
25-Dec-2014 THURSDAY	09.00-09.50		
	10.00-10.50	PRACTICAL EXAM	
	11.00-11.50	PRACTICAL EXAM	
	12.00-12.50	PRACTICAL EXAM	
	13.00-13.50	PRACTICAL EXAM	
	14.00-14.50		
	15.00-15.50	PRACTICAL EXAM	
	16.00-16.50	PRACTICAL EXAM	
26-Dec-2014 FRIDAY	09.00-09.50		
	10.00-10.50	THEORETICAL EXAM	
	11.00-11.50	THEORETICAL EXAM	
	12.00-12.50	THEORETICAL EXAM	
	13.00-13.50		
	14.00-14.50	REVIEW OF THE COMMITTEE EXAM QUESTIONS	
	15.00-15.50	REVIEW OF THE COMMITTEE EXAM QUESTIONS	
	16.00-16.50	Humanities	
	17.00-17.50		

YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I

TISSUE I – COMMITTEE III

DISTRIBUTION of LECTURE HOURS

December 29, 2014 - February 20, 2015

COMMITTEE DURATION: 6 WEEKS

MD 120	BASIC MEDICAL SCIENCES I	THEO.	PRAC.	TOTAL
	DISCIPLINE	60	22	82
	ANATOMY	18	2Grx8H	26
	BEHAVIORAL SCIENCES	8	0	8
	BIOPHYSICS	8	0	8
	HISTOLOGY & EMBRYOLOGY	8	2Grx6H	14
	MEDICAL HISTORY & ETHICS	6	0	6
	PHYSIOLOGY	10	3Grx8H	18
	SCIENTIFIC PROJECT I	2	0	2

MD 132	ANATOMICAL DRAWING	0	8	8
MD 142	ICP-I	9	2Grx3H	10
HTR 301-302	ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	8	0	8
HUM 101-102	HUMANITIES	2	1	3
TKL 201-202	TURKISH LANGUAGE & LITERATURE	8	0	8

TOTAL		87	32	119
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III. Coordination Committee	Head	Bayram YILMAZ, PhD Prof.
	Secretary	Deniz KIRIÇ, PhD Assist. Prof.
	Member	Kaan YÜCEL, MD PhD Assist. Prof.
	Member	Alev CUMBUL PhD Assist. Prof.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**TISSUE I – COMMITTEE III
LECTURERS**

BASIC MEDICAL SCIENCES I	
DISCIPLINE	FACULTY
ANATOMY	Ioannis SIATITSAS, MD, PhD Prof.
	Kaan YÜCEL, MD, PhD Assist. Prof.
	Yüksel AYDAR, PhD Prof.
BEHAVIORAL SCIENCES	
BIOPHYSICS	Akif MAHARRAMOV, PhD Assist. Prof.
	Bilge GÜVENÇ TUNA, PhD Assist. Prof.
HISTOLOGY & EMBRYOLOGY	Ünal USLU, MD Assoc. Prof.
	Oya ALAGÖZ, MD Assist. Prof.
	Alev CUMBUL PhD Assist. Prof.
MEDICAL HISTORY & ETHICS	Elif VATANOĞLU, MD Assist. Prof.
PHYSIOLOGY	Bayram YILMAZ, PhD Prof.
	Burcu ŞEKER, PhD Assist. Prof.
	Mehtap KAÇAR, MD, PhD Assist. Prof.
SCIENTIFIC PROJECT I	Gülderen YANIKKAYA DEMİREL, MD Assoc. Prof.

INTRODUCTION TO CLINICAL PRACTICE I (ICP-I)	Güldal İZBIRAK, MD Assoc.Prof.
	Hülya AKAN, MD Assoc.Prof.
	Özlem TANRIÖVER, MD Assoc.Prof.
	Arzu AKALIN, MD Assist. Prof.
ANATOMICAL DRAWING	Refik AZİZ, PhD Assist.Prof.
ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	Davut EKŞİ, PhD, Instr.
HUMANITIES	
TURKISH LANGUAGE & LITERATURE	Bedri SELİMHOC AOĞLU, Instr.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**TISSUE I – COMMITTEE III
AIM AND LEARNING OBJECTIVES**

AIM

1. **to convey** basic terms and concepts for anatomy, physiology, embryology, histology, biophysics, behavioral sciences, and medical ethics.
2. **to convey** knowledge on four fundamental tissues forming the body, cells forming these tissues.
3. **to convey** knowledge on excitation and contraction mechanisms of muscles.
4. **to convey** knowledge on system-specific (pelvis, joints of vertebrae, bones and joints of lower and upper extremities) anatomy and its clinical applications.

LEARNING OBJECTIVES

At the end of this committee, student should be able to;

- 1.0. explain anatomical characteristics of joints in general.
- 2.0. explain anatomical characteristics of joints of the vertebral column and pelvis and their clinical utility.
- 3.0. describe the link between the anatomical characteristics of bones and joints of lower and upper extremities and their clinical reflections.
- 4.0. list general paradigms and basic concepts of psychology.
- 5.0. describe the principles of force development and energy utilization by muscles.
- 6.0. explain muscle contraction mechanism on the basis of Sliding Filament Theory.
- 7.0. explain link between structure and role of tissues.
- 8.0. for epithel tissue;
 - 8.1. explain general specification,
 - 8.2. recognize eight covering epithelium subtypes,
 - 8.3. explain histological basis on which glands are classified
- 9.0. for muscle tissue;
 - 9.1. describe histological characteristics and relate main function,
 - 9.2. summarize the main similarities and differences between three different types of muscle.
- 10.0. Define the correlation between ethics and philosophy in relation with main ethical theories.
- 11.0. define membrane and action potentials and sodium/potassium pumps.
- 12.0. list mechanisms of excitation and contraction in skeletal muscle.
- 13.0. explain role of autonomous nervous system in excitation of smooth muscle and heart muscle.
- 14.0. define EMG.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**TISSUE I - COMMITTEE III
COMMITTEE EXAM ASSESSMENT TABLE**

LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	NUMBER OF QUESTIONS MCQ*			
			CE	FE	IE	TOTAL
1.0, 2.0, 3.0	ANATOMY	Dr. K. Yücel	24	8	4	36
		Dr. I. Siatitsas				
5.0, 6.0	BIOPHYSICS	Dr. B.Güvenç Tuna	12	3	1	16
4.0	BEHAVIORAL SCIENCES		12	4	2	18
7.0, 8.1, 8.2, 8.3, 9.1, 9.2	HISTOLOGY	Dr. Ü. Uslu	5	2	1	8
7.0, 8.1, 8.2, 8.3, 9.1, 9.2	EMBRYOLOGY	Dr. A. Cumbul	5	2	1	8
10.0	MEDICAL HISTORY & ETHICS	Dr. E. Vatanoğlu	9	3	1	13
11.0 -14.0	PHYSIOLOGY	Dr. B. Yılmaz	13	6	3	22
	TOTAL		80	28/192[#]	13/96^{##}	121
LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	POINT OF QUESTIONS EMQ**, OSPE***, WE****			
			EMQ	OSPE	WE	TOTAL
1.0, 2.0, 3.0	ANATOMY	Dr. I. Siatitsas	3	3	-	6 pts
7.0, 8.1, 8.2, 8.3, 9.1, 9.2	HISTOLOGY & EMB.	Dr. Ü. Uslu	3	3	-	6 pts
11.0 -14.0	PHYSIOLOGY	Dr. B. Yılmaz	4	4	-	8 pts

COMMITTEE ASSESSMENT TABLE DESCRIPTION

Total number of multiple choice questions is **80**, equal to **80** pts,

Each multiple choice question has value equal to **1** pts,

Extending matching questions have value equal to **10** pts and this question type will only be used for the Committee Exam (CE).

Objective structured practical exams have value equal to **15** pts.

MCQ*: Multiple Choice Question

EMQ**: Extending Matching Question

OSPE***: Objective Structured Practical Exam

WE****: Written Exam

CE: Committee Exam

FE: Final Exam

IE: Incomplete Exam

28 out of 192 final exam questions will be from Committee III; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Final Exam Question is worth 0.5 pts)

13 out of 96 incomplete exam questions will be from Committee III; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Incomplete Exam Question is worth 1 pt).

I. WEEK	PHASE I	COMMITTEE III	THE TISSUE I
DAY	HOUR	SUBJECT	LECTURER
29-Dec-2014 MONDAY	09.00-09.50	Introduction to Committee III	D. Kırac
	10.00-10.50	Greek Medicine and Contemporary Medicine	E. Vatanoğlu
	11.00-11.50	Greek Medicine and Contemporary Medicine	E. Vatanoğlu
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocalıoğlu
	14.00-14.50	Turkish Language & Literature	B. Selimhocalıoğlu
	15.00-15.50	Humanities Conferences	
	16.00-16.50	Humanities	
	17.00-17.50	Humanities	
30-Dec-2014 TUESDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	The Motor Unit - Neuromuscular Junction	B.Güvenç Tuna
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
31-Dec-2014 WEDNESDAY	09.00-09.50	Bones of the Upper Limb	I. Siatitsas
	10.00-10.50	Bones of the Upper Limb	I. Siatitsas
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	LAB: Bones of the Upper Limb Group A	ANATOMY
	15.00-15.50	LAB: Bones of the Upper Limb Group B	ANATOMY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
01-Jan-2015 THURSDAY		NEW YEAR'S DAY	
02-Jan-2015 FRIDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	

II. WEEK

DAY	HOUR	SUBJECT	LECTURER
5-Jan-2015 MONDAY	09.00-09.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group IV	Ö Tanrıöver & H Akan
	10.00-10.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group IV	Ö Tanrıöver & H Akan
	11.00-11.50	LAB: Patient-Causalty Transportation / Bandaging Techniques Group IV	Ö Tanrıöver & H Akan
	12.00-12.50		
	13.00-13.50	Independent study hour	
	14.00-14.50	Contractile Machinery; Sliding Filament	B.Güvenç Tuna
	15.00-15.50	Contractile Machinery; Sliding Filament	B.Güvenç Tuna
	16.00-16.50	Joints of the Upper Limb	I. Siatitsas
	17.00-17.50	Joints of the Upper Limb	I. Siatitsas
6-Jan-2015 TUESDAY	09.00-09.50	Muscles of the Upper Limb	I. Siatitsas
	10.00-10.50	Muscles of the Upper Limb	I. Siatitsas
	11.00-11.50	Membrane Potentials and Action Potentials	B. Yılmaz
	12.00-12.50	Membrane Potentials and Action Potentials	B. Yılmaz
	13.00-13.50		
	14.00-14.50	Histology of Covering Epithelium; Structure, Classification	U.Uslu
	15.00-15.50	LAB: Joints of the Upper Limb Group B	ANATOMY
	16.00-16.50	LAB: Joints of the Upper Limb Group A	ANATOMY
	17.00-17.50	Independent study hour	
7-Jan-2015 WEDNESDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Histology of C.Ep.; Surface Specification	U.Uslu
	11.00-11.50	Histology of Glandular Ep.; Classification	U.Uslu
	12.00-12.50	Histology of Glandular Ep.; Structure	U.Uslu
	13.00-13.50		
	14.00-14.50	LAB: Histology of Epithel Tissue Gr B	HISTOLOGY
	15.00-15.50	LAB: Histology of Epithel Tissue Gr B	HISTOLOGY
	16.00-16.50	Skeleton of the Pelvis	K. Yücel
	17.00-17.50	Skeleton of the Pelvis	K. Yücel
8-Jan-2015 THURSDAY	09.00-09.50	How to Read and Write an Article	G. D. Yanıkkaya
	10.00-10.50	How to Read and Write an Article	G. D. Yanıkkaya
	11.00-11.50	Introduction to Ethics	E. Vatanoğlu
	12.00-12.50	Introduction to Ethics	E. Vatanoğlu
	13.00-13.50		
	14.00-14.50	LAB: Skeleton of the Pelvis Gr A	ANATOMY
	15.00-15.50	LAB: Skeleton of the Pelvis Gr A	ANATOMY
	16.00-16.50	LAB: Skeleton of the Pelvis Gr B	ANATOMY
	17.00-17.50	LAB: Skeleton of the Pelvis Gr B	ANATOMY
9-Jan-2015 FRIDAY	09.00-09.50	Muscle Mechanics; Muscular Force	B.Güvenç Tuna
	10.00-10.50	Muscle Mechanics; Muscular Force	B.Güvenç Tuna
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Skeletal Muscle Physiology	B. Yılmaz
	15.00-15.50	Skeletal Muscle Physiology	B. Yılmaz
	16.00-16.50	LAB: Histology of Epithel Tissue Gr A	HISTOLOGY
	17.00-17.50	LAB: Histology of Epithel Tissue Gr A	HISTOLOGY

III. WEEK DAY	HOUR	SUBJECT	LECTURER
12-Jan-2015 MONDAY	09.00-09.50	Introduction to Communication Skills	Ö. Tanrıöver
	10.00-10.50	Basic Communication Skills	A. Akalın
	11.00-11.50	Basic Communication Skills	A. Akalın
	12.00-12.50		
	13.00-13.50	Molecular Events in Muscle Fiber Contraction	B.Güvenç Tuna
	14.00-14.50	Introduction to Ethics	E. Vatanoğlu
	15.00-15.50	Introduction to Ethics	E. Vatanoğlu
	16.00-16.50	LAB: EMG I Gr A	PHYSIOLOGY
	17.00-17.50	LAB: EMG I Gr A	PHYSIOLOGY
13-Jan-2015 TUESDAY	09.00-09.50	Histology of Muscle Tissue; General Specification	A.Cumbul
	10.00-10.50	Histology of Striated Skeletal Muscle	A.Cumbul
	11.00-11.50	Joints of the Vertebral Column	K. Yücel
	12.00-12.50	Joints of the Vertebral Column	K. Yücel
	13.00-13.50		
	14.00-14.50	LAB: EMG I Gr B	PHYSIOLOGY
	15.00-15.50	LAB: EMG I Gr B	PHYSIOLOGY
	16.00-16.50	LAB: EMG I Gr C	PHYSIOLOGY
	17.00-17.50	LAB: EMG I Gr C	PHYSIOLOGY
14-Jan-2015 WEDNESDAY	09.00-09.50	Biophysics: Smooth Muscle	B.Güvenç Tuna
	10.00-10.50	Energy for Muscle Contraction	B.Güvenç Tuna
	11.00-11.50	Contraction of Skeletal Muscle	B. Yılmaz
	12.00-12.50	Neuromuscular Transmission	B. Yılmaz
	13.00-13.50		
	14.00-14.50	LAB: EMG II Gr A	PHYSIOLOGY
	15.00-15.50	LAB: EMG II Gr A	PHYSIOLOGY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
15-Jan-2015 THURSDAY	09.00-09.50	LAB: EMG II Gr B	PHYSIOLOGY
	10.00-10.50	LAB: EMG II Gr B	PHYSIOLOGY
	11.00-11.50	LAB: EMG II Gr C	PHYSIOLOGY
	12.00-12.50	LAB: EMG II Gr C	PHYSIOLOGY
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Bones of the Lower Limb	I. Siatitsas
	17.00-17.50	Bones of the Lower Limb	I. Siatitsas
16-Jan-2015 FRIDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	LAB: Bones of the Lower Limb Gr B	ANATOMY
	12.00-12.50	LAB: Bones of the Lower Limb Gr B	ANATOMY
	13.00-13.50		
	14.00-14.50	Histology of Heart Muscle	A.Cumbul
	15.00-15.50	Histology of Smooth Muscle	A.Cumbul
	16.00-16.50	LAB: Bones of the Lower Limb Gr A	ANATOMY
	17.00-17.50	LAB: Bones of the Lower Limb Gr A	ANATOMY

MIDTERM BREAK
19 JAN 2015 - 30 JAN 2015

IV. WEEK

DAY	HOUR	SUBJECT	LECTURER
2-Feb-2015 MONDAY	09.00-09.50	The Medical Interview	G. İzbirak
	10.00-10.50	The Medical Interview	G. İzbirak
	11.00-11.50	Interviewing Techniques	G. İzbirak
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
3-Feb-2015 TUESDAY	09.00-09.50	Introduction to Behavioral Science	BEHAVIORAL SCI.
	10.00-10.50	Introduction to Behavioral Science	BEHAVIORAL SCI.
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
4-Feb-2015 WEDNESDAY	09.00-09.50	Introduction to Behavioral Science	BEHAVIORAL SCI.
	10.00-10.50	Methodology of Behavioral Science	BEHAVIORAL SCI.
	11.00-11.50	LAB: Histology of MuscleTissue Gr A	HISTOLOGY
	12.00-12.50	LAB: Histology of MuscleTissue Gr A	HISTOLOGY
	13.00-13.50		
	14.00-14.50	LAB: Histology of MuscleTissue Gr B	HISTOLOGY
	15.00-15.50	LAB: Histology of MuscleTissue Gr B	HISTOLOGY
	16.00-16.50	Joints of the Lower Limb	K. Yücel
	17.00-17.50	Joints of the Lower Limb	K. Yücel
5-Feb-2015 THURSDAY	09.00-09.50	Clinical Anatomy of the Bones and Joints of the Limbs	I. Siatitsas
	10.00-10.50	Clinical Anatomy of the Bones and Joints of the Limbs	I. Siatitsas
	11.00-11.50	Smooth Muscle Physiology	B. Yılmaz
	12.00-12.50	Smooth Muscle Physiology	B. Yılmaz
	13.00-13.50		
	14.00-14.50	LAB: Joints of the Lower Limb Gr A	ANATOMY
	15.00-15.50	LAB: Joints of the Lower Limb Gr A	ANATOMY
	16.00-16.50	LAB: Joints of the Lower Limb Gr B	ANATOMY
	17.00-17.50	LAB: Joints of the Lower Limb Gr B	ANATOMY
6-Feb-2015 FRIDAY	09.00-09.50	Independent study hour	
	10.00-10.50	LAB: Smooth Muscle Contractility Gr A	PHYSIOLOGY
	11.00-11.50	LAB: Smooth Muscle Contractility Gr A	PHYSIOLOGY
	12.00-12.50		
	13.00-13.50	LAB: Smooth Muscle Contractility Gr B	PHYSIOLOGY
	14.00-14.50	LAB: Smooth Muscle Contractility Gr B	PHYSIOLOGY
	15.00-15.50	LAB: Smooth Muscle Contractility Gr C	PHYSIOLOGY
	16.00-16.50	LAB: Smooth Muscle Contractility Gr C	PHYSIOLOGY
	17.00-17.50	Independent study hour	

V. WEEK

DAY	HOUR	SUBJECT	LECTURER
9-Feb-2015 MONDAY	09.00-09.50		
	10.00-10.50	ICP MIDTERM EXAM	
	11.00-11.50	ICP MIDTERM EXAM	
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	LAB: Discussion Gr B	HISTOLOGY
	16.00-16.50	LAB: Discussion Gr B	HISTOLOGY
	17.00-17.50	Independent study hour	
10-Feb-2015 TUESDAY	09.00-09.50	Methodology of Behavioral Science	BEHAVIORAL SCI.
	10.00-10.50	Methodology of Behavioral Science	BEHAVIORAL SCI.
	11.00-11.50	Overview of the Bones and Joints	K. Yücel
	12.00-12.50	Overview of the Bones and Joints	K. Yücel
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
11-Feb-2015 WEDNESDAY	09.00-09.50	Mind, Consciousness and Alternate States	BEHAVIORAL SCI.
	10.00-10.50	Mind, Consciousness and Alternate States	BEHAVIORAL SCI.
	11.00-11.50	Physiology of Cardiac Muscle	B. Yılmaz
	12.00-12.50	Physiology of Cardiac Muscle	B. Yılmaz
	13.00-13.50		
	14.00-14.50	LAB: Discussion Gr A	HISTOLOGY
	15.00-15.50	LAB: Discussion Gr A	HISTOLOGY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
12-Feb-2015 THURSDAY	09.00-09.50	Independent study hour	
	10.00-10.50	LAB: Cardiac Muscle with PhysioEx Gr C	PHYSIOLOGY
	11.00-11.50	LAB: Cardiac Muscle with PhysioEx Gr C	PHYSIOLOGY
	12.00-12.50		
	13.00-13.50	LAB: Cardiac Muscle with PhysioEx Gr B	PHYSIOLOGY
	14.00-14.50	LAB: Cardiac Muscle with PhysioEx Gr B	PHYSIOLOGY
	15.00-15.50	LAB: Cardiac Muscle with PhysioEx Gr A	PHYSIOLOGY
	16.00-16.50	LAB: Cardiac Muscle with PhysioEx Gr A	PHYSIOLOGY
	17.00-17.50	Independent study hour	
13-Feb-2015 FRIDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	

VI. WEEK

DAY	HOUR	SUBJECT	LECTURER
16-Feb-2015 MONDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
17-Feb-2015 TUESDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
18-Feb-2015 WEDNESDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
19-Feb-2015 THURSDAY	09.00-09.50		
	10.00-10.50	PRACTICAL EXAM	
	11.00-11.50	PRACTICAL EXAM	
	12.00-12.50	PRACTICAL EXAM	
	13.00-13.50	PRACTICAL EXAM	
	14.00-14.50	PRACTICAL EXAM	
	15.00-15.50	PRACTICAL EXAM	
	16.00-16.50	PRACTICAL EXAM	
	17.00-17.50	PRACTICAL EXAM	
20-Feb-2015 FRIDAY	09.00-09.50		
	10.00-10.50	THEORETICAL EXAM	
	11.00-11.50	THEORETICAL EXAM	
	12.00-12.50	THEORETICAL EXAM	
	13.00-13.50	THEORETICAL EXAM	
	14.00-14.50		
	15.00-15.50	REVIEW OF THE COMMITTEE EXAM QUESTIONS	
	16.00-16.50	REVIEW OF THE COMMITTEE EXAM QUESTIONS	
	17.00-17.50		

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**TISSUE II – COMMITTEE IV
DISTRIBUTION of LECTURE HOURS**

February 23, 2015 - April 17, 2015

COMMITTEE DURATION: 8 WEEKS

MD 120	BASIC MEDICAL SCIENCES I	THEO.	PRAC.	TOTAL
	DISCIPLINE	107	22	129
	ANATOMY	20	2Grx10H	30
	BEHAVIORAL SCIENCES	24	0	24
	BIOCHEMISTRY	30	3Grx2H	32
	BIOSTATISTICS	12	0	12
	HISTOLOGY & EMBRYOLOGY	13	2Grx8H	21
	MEDICAL BIOLOGY	8	3Grx2H	10

MD 132	ANATOMICAL DRAWING	0	16	16
MD 142	ICP-I	3	4Grx3H 2Grx3H	8
HTR 301-302	ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	16	0	16
TKL 201-202	TURKISH LANGUAGE & LITERATURE	16	0	16

TOTAL		142	43	185
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IV. Coordination Committee	Head	İnci ÖZDEN, PhD Prof.
	Secretary	Kaan YÜCEL, MD., PhD Assist. Prof.
	Member	Alev CUMBUL PhD Assist. Prof.
	Member	Çiğdem KASPAR, PhD Assist. Prof.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**TISSUE II – COMMITTEE IV
LECTURERS**

BASIC MEDICAL SCIENCES I	
DISCIPLINE	FACULTY
ANATOMY	Ioannis SIATITSAS, MD, PhD Prof.
	Kaan YÜCEL, MD, PhD Assist. Prof.
	Yüksel AYDAR, PhD Prof.
BEHAVIORAL SCIENCES	
BIOCHEMISTRY	İnci ÖZDEN, PhD Prof.
	Jale ÇOBAN MD Assoc.Prof.
BIOSTATISTICS	Çiğdem KASPAR, PhD Assist. Prof.
HISTOLOGY & EMBRYOLOGY	Ünal USLU, MD Assoc. Prof.
	Alev CUMBUL PhD Assist. Prof.
MEDICAL BIOLOGY	Turgay İSBİR, PhD Prof.
	Deniz KIRAÇ, PhD, Assist. Prof.
	Soner DOĞAN, PhD Assist. Prof.

INTRODUCTION TO CLINICAL PRACTICE I (ICP-I)	Güldal İZBİRAK, MD Assoc.Prof.
	Hülya AKAN, MD Assoc.Prof.
	Özlem TANRIÖVER, MD Assoc.Prof.
	Arzu AKALIN, MD Assist. Prof.
ANATOMICAL DRAWING	Refik AZİZ, PhD Assist.Prof.
ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	Davut EKŞİ, PhD, Instr.
HUMANITIES	
TURKISH LANGUAGE & LITERATURE	Bedri SELİMHOCAGLU, Instr.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**TISSUE II – COMMITTEE IV
AIM AND LEARNING OBJECTIVES**

AIM

1. **to convey** basic terms and concepts for anatomy, embryology, histology, biostatistics, biochemistry, behavioral sciences, and medical biology.
2. **to convey** knowledge on four fundamental tissues forming the body, cells forming these tissues and the intercellular material.
3. **to convey** knowledge on system-specific (upper extremities, back and chest area muscles, vascular and nervous innervations) anatomy and its clinical applications.
4. **to convey** knowledge on basic metabolic pathways of the body.

LEARNING OBJECTIVES

At the end of this committee, student should be able to;

- 1.0. define the basic characteristics of the anatomy of the peripheral nervous system, muscular and vascular systems.
- 2.0. describe anatomical features, vessels, nervous innervations of upper extremities, back and chest area muscles.
- 3.0. describe the clinical implications of the anatomical features of the upper limb.
- 4.0. define consciousness, altered states of consciousness, stages of sleep, and measurement of intelligence.
- 5.0. describe Piaget's cognitive development theory, attitudes, cognitive dissonance, experiments on conformity, obedience, halo effect, and management of authority.
- 6.0. explain classical conditioning, operant conditioning, punishment, reinforcement, reinforcement schedules, extinction, spontaneous recovery, and social-cognitive learning.
- 7.0. for carbohydrates, lipids, proteins, and nucleotides;
 - 7.1. describe their structure.
 - 7.2. define their structural and biochemical functions in tissues.
- 8.0. for enzymes;
 - 8.1. explain the general properties of enzymes.
 - 8.2. describe the kinetics of enzymes.
 - 8.3. list the enzymes of the respiratory chain in the order of their arrangement.
 - 8.4. explain the function of each enzyme of the respiratory chain
 - 8.5. explain the functions of enzymes involved in removal of Reactive Oxygen Species (ROS).
- 9.0. for substrate level phosphorylation;
 - 9.1. explain the mechanism.
 - 9.2. list the metabolic pathways.
- 10.0. count distribution types and properties in statistics.
- 11.0. for connective tissue;
 - 11.1. explain general specification.
 - 11.2. classify connective tissue proper.
- 12.0. for cartilage and bone tissue;
 - 12.1. explain general microscopic characteristics.
 - 12.2. list ossification steps.
- 13.0. for nervous tissue;
 - 13.1. define general histologic structure.
 - 13.2. list neuron and glia types.
- 14.0. recognize the components of extracellular matrix and their interactions with each other.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**TISSUE II - COMMITTEE IV
COMMITTEE EXAM ASSESSMENT TABLE**

LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	NUMBER OF QUESTIONS MCQ*			
			CE	FE	IE	TOTAL
1.0, 2.0, 3.0	ANATOMY	Dr. K. Yücel	14	10	5	29
		Dr. I. Siatitsas				
4.0, 5.0, 6.0	BEHAVIORAL SCI.		20	9	4	33
7.0 – 9.0	BIOCHEMISTRY	Dr. İ. Özden	20	12	6	38
10.0	BIostatISTICS	Dr. Ç. Kaspar	-	5	2	17
11.0 – 13.0	HISTOLOGY	Dr. Ü. Uslu	8	5	3	16
11.0 – 13.0	EMBRYOLOGY	Dr. A. Cumbul	2	1	1	4
14.0	MEDICAL BIOLOGY	Dr. T. İsbir	6	3	1	10
	TOTAL		70	45/192[#]	22/96^{##}	147
LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	POINT OF QUESTIONS EMQ**, OSPE***, WE****			
			EMQ	OSPE	WE	TOTAL
1.0, 2.0, 3.0	ANATOMY	Dr. I. Siatitsas	4	3	-	7 pts
7.0 – 9.0	BIOCHEMISTRY	Dr. İ. Özden	4	2	-	6 pts
10.0	BIostatISTICS	Dr. Ç. Kaspar			10	
11.0 – 13.0	HISTOLOGY & EMB.	Dr. Ü. Uslu	2	3	-	5 pts
14.0	MEDICAL BIOLOGY	Dr. T. İsbir	-	2	-	2 pts

COMMITTEE ASSESSMENT TABLE DESCRIPTION

Total number of multiple choice questions is **70**, equal to **70** pts,

Each multiple choice question has value equal to **1** pts,

Extending matching questions have value equal to **10** pts and this question type will only be used for the Committee Exam (CE).

Objective structured practical exams have value equal to **10** pts,

MCQ*: Multiple Choice Question

EMQ**: Extending Matching Question

OSPE***: Objective Structured Practical Exam

WE**** : Written Exam of Biostatistics. This exam will be given separately after the committee exam.

CE: Committee Exam

FE: Final Exam

IE: Incomplete Exam

[#] **45** out of 192 final exam questions will be from Committee IV; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Final Exam Question is worth 0.5 pts).

^{##} **22** out of 96 incomplete exam questions will be from Committee IV; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Incomplete Exam Question is worth 1 pt).

I. WEEK	PHASE I	COMMITTEE IV	THE TISSUE II
DAY	HOOR	SUBJECT	LECTURER
23-Feb-2015 MONDAY	09.00-09.50	The Medical History	H. Akan
	10.00-10.50	The Medical History	H. Akan
	11.00-11.50	Giving Information	Ö. Tanrıöver
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Introduction to Committee IV	K. Yücel
	16.00-16.50	Introduction to Nervous System	I. Siatitsas
	17.00-17.50	Independent study hour	
24-Feb-2015 TUESDAY	09.00-09.50	Mind, Consciousness and Alternate States	BEHAVIORAL SCI.
	10.00-10.50	Learning and Behaviour Modification	BEHAVIORAL SCI.
	11.00-11.50	Introduction to Myology and Kinesiology II	I. Siatitsas
	12.00-12.50	Introduction to Myology and Kinesiology II	I. Siatitsas
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
25-Feb-2015 WEDNESDAY	09.00-09.50	Learning and Behaviour Modification	BEHAVIORAL SCI.
	10.00-10.50	Learning and Behaviour Modification	BEHAVIORAL SCI.
	11.00-11.50	Histology of Connective Tissue; Extraxellular Amorphous Matrix	Ü. Uslu
	12.00-12.50	Histology of Connective Tissue; Extraxellular Fibrillary Matrix	Ü. Uslu
	13.00-13.50		
	14.00-14.50	Extracellular Matrix	T. İsbir
	15.00-15.50	Extracellular Matrix	T. İsbir
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
26-Feb-2015 THURSDAY	09.00-09.50	Shoulder Girdle	I. Siatitsas
	10.00-10.50	Shoulder Girdle	I. Siatitsas
	11.00-11.50	Classification of Carbohydrates, Their General Features	İ. Özden
	12.00-12.50	Classification of Carbohydrates, Their General Features	İ. Özden
	13.00-13.50		
	14.00-14.50	Extracellular Matrix	T. İsbir
	15.00-15.50	Extracellular Matrix	T. İsbir
	16.00-16.50	LAB: Shoulder Girdle Gr B	ANATOMY
	17.00-17.50	LAB: Shoulder Girdle Gr A	ANATOMY
27-Feb-2015 FRIDAY	09.00-09.50	Extracellular Matrix	T. İsbir
	10.00-10.50	Extracellular Matrix	T. İsbir
	11.00-11.50	Monosaccharide Derivatives	İ. Özden
	12.00-12.50	Monosaccharide Derivatives	İ. Özden
	13.00-13.50		
	14.00-14.50	Main Concepts in Biostatistics	Ç. Kaspar
	15.00-15.50	Main Concepts in Biostatistics	Ç. Kaspar
	16.00-16.50	Axilla	I. Siatitsas
	17.00-17.50	Axilla	I. Siatitsas

II. WEEK DAY	HOUR	SUBJECT	LECTURER
2-Mar-2015	09.00-09.50	CSL* : Patient-Doctor Communication Skills General Approach Group I	H Akan & Ö Tanrıöver
MONDAY	10.00-10.50	CSL* : Patient Doctor Communication Skills General Approach Group I	H Akan & Ö Tanrıöver
	11.00-11.50	CSL* : Patient Doctor Communication Skills General Approach Group I	H Akan & Ö Tanrıöver
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
3-Mar-2015	09.00-09.50	Cognitive Development	BEHAVIORAL SCI.
TUESDAY	10.00-10.50	Cognitive Development	BEHAVIORAL SCI.
	11.00-11.50	Disaccharides, Polysaccharides: Glycogen, Starch	İ. Özden
	12.00-12.50	Disaccharides, Polysaccharides: Glycogen, Starch	İ. Özden
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
4-Mar-2015	09.00-09.50	Cognitive Development	BEHAVIORAL SCI.
WEDNESDAY	10.00-10.50	Social Development	BEHAVIORAL SCI.
	11.00-11.50	Histology of Connective Tissue; Cells	Ü. Uslu
	12.00-12.50	Histology of Connective Tissue; Types	Ü. Uslu
	13.00-13.50		
	14.00-14.50	LAB: Axilla Group A	ANATOMY
	15.00-15.50	LAB: Axilla Group B	ANATOMY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
5-Mar-2015	09.00-09.50	Biology of Oxidative Stress	T. İsbir
THURSDAY	10.00-10.50	Biology of Oxidative Stress	T. İsbir
	11.00-11.50	Glycosaminoglycans: Structures and Functions	İ. Özden
	12.00-12.50	Glycosaminoglycans: Structures and Functions	İ. Özden
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
6-Mar-2015	09.00-09.50	Frequency Distributions	Ç. Kaspar
FRIDAY	10.00-10.50	Frequency Distributions	Ç. Kaspar
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	LAB: Histology of Connective Tissue Gr A	HISTOLOGY
	15.00-15.50	LAB: Histology of Connective Tissue Gr A	HISTOLOGY
	16.00-16.50	LAB: Histology of Connective Tissue Gr B	HISTOLOGY
	17.00-17.50	LAB: Histology of Connective Tissue Gr B	HISTOLOGY

*CSL:

Clinical Skills Laboratory

III. WEEK DAY	HOUR	SUBJECT	LECTURER
9-Mar-2015	09.00-09.50	CSL: Patient-Doctor Communication Skills General Approach Group II	H. Akan & Ö. Tanrıöver
MONDAY	10.00-10.50	CSL: Patient Doctor Communication Skills General Approach Group II	H. Akan & Ö. Tanrıöver
	11.00-11.50	CSL: Patient Doctor Communication Skills General Approach Group II	H. Akan & Ö. Tanrıöver
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
10-Mar-2015 TUESDAY	09.00-09.50	Social Development	BEHAVIORAL SCI.
	10.00-10.50	Social Development	BEHAVIORAL SCI.
	11.00-11.50	Classification of Lipids, General Features	İ. Özden
	12.00-12.50	Saturated and Unsaturated Fatty Acids, Essential Fatty Acids	İ. Özden
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
11-Mar-2015 WEDNESDAY	09.00-09.50	Intelligence	BEHAVIORAL SCI.
	10.00-10.50	Intelligence	BEHAVIORAL SCI.
	11.00-11.50	Histology of Cartilage Tissue; General Spec.	A. Cumbul
	12.00-12.50	Histology of Cartilage Tissue; Types	A. Cumbul
	13.00-13.50		
	14.00-14.50	LAB: BIOCHEMISTRY Gr A	BIOCHEMISTRY
	15.00-15.50	LAB: BIOCHEMISTRY Gr A	BIOCHEMISTRY
	16.00-16.50	Anterior Aspect of the Forearm and the Cubital Fossa	K. Yücel
	17.00-17.50	Anterior Aspect of the Forearm and the Cubital Fossa	K.Yücel
12-Mar-2015 THURSDAY	09.00-09.50	Graphics	Ç. Kaspar
	10.00-10.50	Measures of Central Tendency	Ç. Kaspar
	11.00-11.50	Triacylglycerols, Phospholipids	İ. Özden
	12.00-12.50	Isoprene Derivatives, Steroids, Eicosanoids	İ. Özden
	13.00-13.50		
	14.00-14.50	LAB: Anterior Aspect of the Forearm and the Cubital Fossa Group B	ANATOMY
	15.00-15.50	LAB: Anterior Aspect of the Forearm and the Cubital Fossa Group B	ANATOMY
	16.00-16.50	LAB: Anterior Aspect of the Forearm and the Cubital Fossa Group A	ANATOMY
	17.00-17.50	LAB: Anterior Aspect of the Forearm and the Cubital Fossa Group A	ANATOMY
13-Mar-2015 FRIDAY	09.00-10.50	WHITE COAT CEROMONY	
	11.00-12.50	WHITE COAT CEROMONY	
	13.00-13.50		
	14.00-15.50	INVITED SPEAKER	
	16.00-16.50	INVITED SPEAKER	
14-Mar-2015 SATURDAY	17.00-17.50		
		PHYSICIANS' DAY	

IV. WEEK

DAY	HOUR	SUBJECT	LECTURER
16-Mar-2015 MONDAY	09.00-09.50	CSL: Patient-Doctor Communication Skills General Approach Group III	H. Akan & Ö. Tanrıöver
	10.00-10.50	CSL: Patient Doctor Communication Skills General Approach Group III	H. Akan & Ö. Tanrıöver
	11.00-11.50	CSL: Patient Doctor Communication Skills General Approach Group III	H. Akan & Ö. Tanrıöver
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
17-Mar-2015 TUESDAY	09.00-09.50	Intelligence	BEHAVIORAL SCI.
	10.00-10.50	Social Cognition and Emotion	BEHAVIORAL SCI.
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
18-Mar-2015 WEDNESDAY	09.00-09.50	Social Cognition and Emotion	BEHAVIORAL SCI.
	10.00-10.50	Social Cognition and Emotion	BEHAVIORAL SCI.
	11.00-11.50	Histology of Bone Tissue; General Specification	U. Uslu
	12.00-12.50	Histology of Bone Tissue; Microscopic Structure	U. Uslu
	13.00-13.50		
	14.00-14.50	LAB: BIOCHEMISTRY Gr B	BIOCHEMISTRY
	15.00-15.50	LAB: BIOCHEMISTRY Gr B	BIOCHEMISTRY
	16.00-16.50	Posterior Aspect of the Arm and Forearm	I. Siatitsas
	17.00-17.50	Posterior Aspect of the Arm and Forearm	I. Siatitsas
19-Mar-2015 THURSDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Histology of Bone Tissue; Ossification	U Uslu
	11.00-11.50	Steroides, Eicosanoids	İ. Özden
	12.00-12.50	Steroides, Eicosanoids	İ. Özden
	13.00-13.50		
	14.00-14.50	LAB: Posterior Aspect of the Arm and Forearm Gr. A	ANATOMY
	15.00-15.50	LAB: Posterior Aspect of the Arm and Forearm Gr. A	ANATOMY
	16.00-16.50	LAB: Posterior Aspect of the Arm and Forearm Gr. B	ANATOMY
	17.00-17.50	LAB: Posterior Aspect of the Arm and Forearm Gr. B	ANATOMY
20-Mar-2015 FRIDAY	09.00-09.50	LAB: Histology of Bone and Cartilage Gr B	HISTOLOGY
	10.00-10.50	LAB: Histology of Bone and Cartilage Gr B	HISTOLOGY
	11.00-11.50	Proteins: classification, general features	İ. Özden
	12.00-12.50	Proteins: classification, general features	İ. Özden
	13.00-13.50		
	14.00-14.50	LAB: Histology of Bone and Cartilage Gr A	HISTOLOGY
	15.00-15.50	LAB: Histology of Bone and Cartilage Gr A	HISTOLOGY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	

V. WEEK

DAY	HOUR	SUBJECT	LECTURER
23-Mar-2015	09.00-09.50	CSL: Patient-Doctor Communication Skills General Approach Group IV	H Akan & Ö Tanrıöver
MONDAY	10.00-10.50	CSL: Patient Doctor Communication Skills General Approach Group IV	H Akan & Ö Tanrıöver
	11.00-11.50	CSL: Patient Doctor Communication Skills General Approach Group IV	H Akan & Ö Tanrıöver
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
24-Mar-2015	09.00-09.50	Social Influence and Relations	BEHAVIORAL SCI.
TUESDAY	10.00-10.50	Social Influence and Relations	BEHAVIORAL SCI.
	11.00-11.50	Amino acids, amino acid derivatives	İ. Özden
	12.00-12.50	Glutathione: structure and functions	İ. Özden
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
25-Mar-2015	09.00-09.50	Social Influence and Relations	BEHAVIORAL SCI.
WEDNESDAY	10.00-10.50	Personality	BEHAVIORAL SCI.
	11.00-11.50	Histology of Nervous Tissue; General Spec.	Ü. Uslu
	12.00-12.50	Histology of Nervous Tissue; Microscopic Spec.	Ü. Uslu
	13.00-13.50		
	14.00-14.50	LAB: BIOCHEMISTRY Gr C	BIOCHEMISTRY
	15.00-15.50	LAB: BIOCHEMISTRY Gr C	BIOCHEMISTRY
	16.00-16.50	Hand	K. Yücel
	17.00-17.50	Hand	K. Yücel
26-Mar-2015	09.00-09.50	Measures of central tendency	Ç. Kaspar
THURSDAY	10.00-10.50	Measures of central tendency	Ç. Kaspar
	11.00-11.50	Glycoproteins: structure and function	İ. Özden
	12.00-12.50	Glycoproteins: structure and function	İ. Özden
	13.00-13.50		
	14.00-14.50	LAB: Hand Gr. B	ANATOMY
	15.00-15.50	LAB: Hand Gr. B	ANATOMY
	16.00-16.50	LAB: Hand Gr. A	ANATOMY
	17.00-17.50	LAB: Hand Gr. A	ANATOMY
27-Mar-2015	09.00-09.50	Structures of Proteins	İ. Özden
FRIDAY	10.00-10.50	Fibrous and Globular Proteins	İ. Özden
	11.00-11.50	LAB: Oxidative Stress & Antioxidant System GrA	M BIOLOGY
	12.00-12.50	LAB: Oxidative Stress & Antioxidant System GrA	M BIOLOGY
	13.00-13.50		
	14.00-14.50	LAB: Oxidative Stress & Antioxidant System GrB	M BIOLOGY
	15.00-15.50	LAB: Oxidative Stress & Antioxidant System GrB	M BIOLOGY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	

VI. WEEK

DAY	HOUR	SUBJECT	LECTURER
30-Mar-2015	09.00-09.50	CSL: Patient-Doctor Communication Skills Using SPs Group I	G. İzbirak & A Akalın
MONDAY	10.00-10.50	CSL: Patient-Doctor Communication Skills Using SPs Group I	G. İzbirak & A Akalın
	11.00-11.50	CSL: Patient-Doctor Communication Skills Using SPs Group I	G. İzbirak & A Akalın
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
31-Mar-2015	09.00-09.50	Personality	BEHAVIORAL SCI.
TUESDAY	10.00-10.50	Personality	BEHAVIORAL SCI.
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
1-April-2015	09.00-09.50	Psychopathology	BEHAVIORAL SCI.
WEDNESDAY	10.00-10.50	Psychopathology	BEHAVIORAL SCI.
	11.00-11.50	Histology of Nervous Tissue; Neuron Types	Ü. Uslu
	12.00-12.50	Histology of Nervous Tissue; Glia Types	Ü. Uslu
	13.00-13.50		
	14.00-14.50	LAB: Oxidative Stress & Antioxidant System GrC	M BIOLOGY
	15.00-15.50	LAB: Oxidative Stress & Antioxidant System GrC	M BIOLOGY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
2-April-2015	09.00-09.50	Nerves and Vasculature of the Upper Limb	K. Yücel
THURSDAY	10.00-10.50	Nerves and Vasculature of the Upper Limb	K. Yücel
	11.00-11.50	Nucleotides	İ. Özden
	12.00-12.50	Enzymes: Classification, General Features	İ. Özden
	13.00-13.50		
	14.00-14.50	LAB: Nerves and Vasculature of the Upper Limb Gr. A	ANATOMY
	15.00-15.50	LAB: Nerves and Vasculature of the Upper Limb Gr. A	ANATOMY
	16.00-16.50	LAB: Nerves and Vasculature of the Upper Limb Gr. B	ANATOMY
	17.00-17.50	LAB: Nerves and Vasculature of the Upper Limb Gr. B	ANATOMY
3-April-2015	09.00-09.50	Measures of Central Dispersion	Ç. Kaspar
FRIDAY	10.00-10.50	Measures of Central Dispersion	Ç. Kaspar
	11.00-11.50	Enzyme Kinetics, Regulatory Enzymes	İ. Özden
	12.00-12.50	Enzymes of Mitochondrial Electron Transport System	İ. Özden
	13.00-13.50		
	14.00-14.50	LAB: Histology of Nervous Tissue Gr A	HISTOLOGY
	15.00-15.50	LAB: Histology of Nervous Tissue Gr A	HISTOLOGY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	

VII. WEEK

DAY

6-April-2015

MONDAY

09.00-09.50

CSL: Patient-Doctor Communication Skills Using SPs Group II

G. İzbirak & A Akalın

10.00-10.50

CSL: Patient-Doctor Communication Skills Using SPs Group II

G. İzbirak & A Akalın

11.00-11.50

CSL: Patient-Doctor Communication Skills Using SPs Group II

G. İzbirak & A Akalın

12.00-12.50

13.00-13.50

Turkish Language & Literature

B. Selimhocaoglu

14.00-14.50

Turkish Language & Literature

B. Selimhocaoglu

15.00-15.50

Independent study hour

16.00-16.50

Independent study hour

17.00-17.50

Independent study hour

7-April-2015

TUESDAY

09.00-09.50

Overview of the Upper Limb

I. Siatitsas

10.00-10.50

Overview of the Upper Limb

I. Siatitsas

11.00-11.50

Enzymes involved in Detoxification of ROS

İ. Özden

12.00-12.50

Oxidoreductases, Hydrolases, Transferases

İ. Özden

13.00-13.50

14.00-14.50

Anatomical Drawing

R. Aziz

15.00-15.50

Anatomical Drawing

R. Aziz

16.00-16.50

Atatürk's Principles& History of M. Turkey

D. Ekşi

17.00-17.50

Atatürk's Principles& History of M. Turkey

D. Ekşi

8-April-2015

WEDNESDAY

09.00-09.50

Rates and Ratios

Ç. Kaspar

10.00-10.50

Standardization of Disease Rates

Ç. Kaspar

11.00-11.50

Neurological Examination-Upper Limb

K. Yücel

12.00-12.50

13.00-13.50

LAB: Histology of Nervous Tissue Gr B

HISTOLOGY

14.00-14.50

LAB: Histology of Nervous Tissue Gr B

HISTOLOGY

15.00-15.50

LAB: DISCUSSION Gr B

HISTOLOGY

16.00-16.50

LAB: DISCUSSION Gr B

HISTOLOGY

17.00-17.50

Independent study hour

9-April-2015

THURSDAY

09.00-09.50

Independent study hour

10.00-10.50

Independent study hour

11.00-11.50

Lyases, Isomerases, Ligases

İ. Özden

12.00-12.50

ATP Production by Substrate Level Phosphorylation

İ. Özden

13.00-13.50

14.00-14.50

Case studies in Upper Limb

I. Siatitsas

15.00-15.50

Case studies in Upper Limb

I. Siatitsas

16.00-16.50

Independent study hour

17.00-17.50

Independent study hour

10-April-2015

FRIDAY

09.00-09.50

LAB: DISCUSSION Gr A

HISTOLOGY

10.00-10.50

LAB: DISCUSSION Gr A

HISTOLOGY

11.00-11.50

Independent study hour

12.00-12.50

Independent study hour

13.00-13.50

14.00-14.50

Independent study hour

15.00-15.50

Independent study hour

16.00-16.50

Independent study hour

17.00-17.50

Independent study hour

VIII. WEEK

DAY

13-April-2015 MONDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaloğlu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaloğlu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
14-April-2015 TUESDAY	17.00-17.50	Independent study hour	
	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
15-April-2015 WEDNESDAY	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	Independent study hour	
16-April-2015 THURSDAY	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
	09.00-09.50		
	10.00-10.50	BIostatistics EXAM	
	11.00-11.50	BIostatistics EXAM	
	12.00-12.50	PRACTICAL EXAM	
	13.00-13.50		
17-April-2015 FRIDAY	14.00-14.50	PRACTICAL EXAM	
	15.00-15.50	PRACTICAL EXAM	
	16.00-16.50	PRACTICAL EXAM	
	17.00-17.50	PRACTICAL EXAM	
	09.00-09.50		
	10.00-10.50	THEORETICAL EXAM	
	11.00-11.50	THEORETICAL EXAM	
	12.00-12.50	THEORETICAL EXAM	
	13.00-13.50	THEORETICAL EXAM	
	14.00-14.50		
	15.00-15.50	REVIEW OF THE COMMITTEE EXAM QUESTIONS	
	16.00-16.50	REVIEW OF THE COMMITTEE EXAM QUESTIONS	
	17.00-17.50		

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

ENERGY AND METABOLISM – COMMITTEE V

DISTRIBUTION of LECTURE HOURS

April 20, 2015 - May 29, 2015

COMMITTEE DURATION: 6 WEEKS

MD 120	BASIC MEDICAL SCIENCES I	THEO.	PRAC.	TOTAL
	DISCIPLINE	80	13	93
	ANATOMY	18	2Grx7H	25
	BEHAVIORAL SCIENCES	7	0	7
	BIOCHEMISTRY	26	3Grx2H	28
	BIOSTATISTICS	12	3Grx2H	14
	HISTOLOGY and EMBRYOLOGY	8	2Grx2H	10
	MEDICAL BIOLOGY	7	0	7
	SCIENTIFIC PROJECT I	2	0	2
MD 132	ANATOMICAL DRAWING	0	8	8
MD 142	ICP-I	0	2Grx3H	1
HTR 301-302	ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	8	0	8
TKL 201-202	TURKISH LANGUAGE & LITERATURE	8	0	8
TOTAL		96	22	118

V. Coordination Committee	Head	İnci ÖZDEN, PhD Prof.
	Secretary	Çiğdem KASPAR, PhD Assist. Prof.
	Member	Kaan YÜCEL, MD., PhD Assist. Prof.
	Member	Alev CUMBUL, PhD Assist. Prof.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**ENERGY AND METABOLISM – COMMITTEE V
LECTURERS**

BASIC MEDICAL SCIENCES I	
DISCIPLINE	FACULTY
ANATOMY	Ioannis SIATITSAS, MD, PhD Prof.
	Kaan YÜCEL, MD, PhD Assist. Prof.
	Yüksel AYDAR, PhD Prof.
BEHAVIORAL SCIENCES	
BIOCHEMISTRY	İnci ÖZDEN, PhD Prof.
	Jale ÇOBAN, MD Assoc.Prof.
BIOSTATISTICS	Çiğdem KASPAR, PhD Assist. Prof.
HISTOLOGY & EMBRYOLOGY	Ünal USLU, MD Assoc. Prof.
	Oya ALAGÖZ, MD Assist. Prof.
	Alev CUMBUL, PhD Assist. Prof.
MEDICAL BIOLOGY	Turgay İSBİR, PhD Prof.
	Deniz KIRAÇ, PhD, Assist. Prof.
	Soner DOĞAN, PhD Assist. Prof.
SCIENTIFIC PROJECT I	Gülderen YANIKKAYA DEMİREL, MD PhD Assoc. Prof.

INTRODUCTION TO CLINICAL PRACTICE I (ICP-I)	Güldal İZBİRAK, MD Assoc.Prof.
	Hülya AKAN, MD Assoc.Prof.
	Özlem TANRIÖVER, MD Assoc.Prof.
	Arzu AKALIN, MD Assist. Prof.
ANATOMICAL DRAWING	Refik AZİZ, PhD Assist.Prof.
ATATURK'S PRINCIPLES & HISTORY OF MODERN TURKEY	Davut EKŞİ, PhD, Instr.
HUMANITIES	
TURKISH LANGUAGE & LITERATURE	Bedri SELİMHOC AOĞLU, Instr.

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

PHASE I

ENERGY AND METABOLISM - COMMITTEE V

AIMS AND LEARNING OBJECTIVES

AIM

1. **to convey** basic terms and concepts of medical biology, biostatistics, embryology, histology, biochemistry, behavioral sciences, and medical biology.
2. **to convey** knowledge on basic energy mechanisms of the body.
3. **to convey** knowledge on process from zygote to formation of organs.
4. **to convey** knowledge on system-specific (lower extremities, muscles, vascular and nervous innervations) anatomy and its clinical applications.

LEARNING OBJECTIVES

At the end of this committee, student should be able to;

- 1.0. describe the anatomical features, vessels, nervous innervations of lower extremities.
- 2.0. describe the clinical implications of the anatomical features of the lower limb.
- 3.0. explain psychodynamic and humanistic approaches to personality development.
- 4.0. define abnormality; compare and contrast psychological disorders on the five-axes DSM system.
- 5.0. explain ATP synthesis in human organism and enzymatic system that this synthesis occurs by.
- 6.0. list enzymes involved in blood clotting and their functions.
- 7.0. explain glycogen and glucose metabolisms.
- 8.0. for transport mechanisms in biological membranes;
 - 8.1. the permeability of biological membranes
 - 8.2. explain its correlation with ATP usage.
- 9.0. explain basic terms and concepts of epidemiology.
- 10.0. list methods of research planning and collecting data.
- 11.0. list developmental events respectively from organogenesis to parturition.
- 12.0. explain developmental link between embryonic layers and tissues that form organs.
- 13.0. describe contraception and assisted reproductive techniques.
- 14.0. define the features of mitochondrial genome and mutated mitochondrial genes.

**YEDİTEPE UNIVERSITY
FACULTY OF MEDICINE
PHASE I**

**ENERGY AND METABOLISM - COMMITTEE V
COMMITTEE EXAM ASSESSMENT TABLE**

LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	NUMBER OF QUESTIONS MCQ*			
			CE	FE	IE	TOTAL
1.0, 2.0	ANATOMY	Dr. K. Yücel	18	8	4	30
		Dr. I. Siatitsas				
		Dr. Y. Aydar				
3.0, 4.0	BEHAVIORAL SCI.		8	2	1	11
5.0 - 8.0	BIOCHEMISTRY	Dr. İ. Özden	27	11	5	43
9.0, 10.0	BIostatISTICS	Dr. Ç. Kaspar		5	3	23
11.0 - 13.0	HISTOLOGY &	Dr. Ü. Uslu	4	2	1	7
11.0 - 13.0	EMBRYOLOGY	Dr. A. Cumbul	5	2	1	8
14.0	MEDICAL BIOLOGY	Dr. T. İsbir	8	3	1	12
	TOTAL		70	33/192[#]	16/96^{##}	134
LEARNING OBJECTIVES	FACULTY DEPARTMENT	LECTURER / INSTRUCTOR	POINT OF QUESTIONS EMQ**, OSPE*** WE****			
			EMQ	OSPE	WE	TOTAL
1.0, 2.0	ANATOMY	Dr. K. Yücel	3	3	-	6 pts
5.0 - 8.0	BIOCHEMISTRY	Dr. İ. Özden	5	1	-	6 pts
9.0, 10.0	BIostatISTICS	Dr. Ç. Kaspar	-	-	15	15 pts
11.0 - 13.0	HISTOLOGY & EMB.	Dr. Ü. Uslu	2	1	-	3 pts

COMMITTEE ASSESSMENT TABLE DESCRIPTION

Total number of multiple choice questions is **70**, equal to **70** pts,

Each multiple choice question has value equal to **1** pts,

Extending matching questions have value equal to **10** pts and this question type will only be used for the Committee Exam (CE).

Objective structured practical exam has value equal to **5** pts,

MCQ*: Multiple Choice Question

EMQ**: Extending Matching Question

OSPE***: Objective Structured Practical Exam

WE**** : Written Exam of Biostatistics. This exam will be given separately after the committee exam.

CE: Committee Exam

FE: Final Exam

IE: Incomplete Exam

[#] **33** out of 192 final exam questions will be from Committee V; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Final Exam Question is worth 0.5 pts).

^{##} **16** out of 96 incomplete exam questions will be from Committee V; 4 pts will be added from the scientific project report to the final grade, completing the points to 100. (Each Incomplete Exam Question is worth 1 pt).

I. WEEK	PHASE I	ENERGY AND METABOLISM	COMMITTEE V
DAY	HOUR	SUBJECT	LECTURER
20-Apr-2015	09.00-09.50	CSL: Patient-Doctor Communication Skills Using SPs Group III	G. İzbirak & A Akalın
MONDAY	10.00-10.50	CSL: Patient-Doctor Communication Skills Using SPs Group III	G. İzbirak & A Akalın
	11.00-11.50	CSL: Patient-Doctor Communication Skills Using SPs Group III	G. İzbirak & A Akalın
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
21-Apr-2015	09.00-09.50	Independent study hour	
TUESDAY	10.00-10.50	Introduction to Committee V	Ç. Kaspar
	11.00-11.50	ATP Production by Oxidative Phosphorylation	İ. Özden
	12.00-12.50	ATP Production by Oxidative Phosphorylation	İ. Özden
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
22-Apr-2015	09.00-09.50	Abdominal Muscles	Y. Aydar
WEDNESDAY	10.00-10.50	Abdominal Muscles	Y. Aydar
	11.00-11.50	Folding and Angiogenesis	U.Uslu
	12.00-12.50	Organogenesis	A. Cumbul
	13.00-13.50		
	14.00-14.50	Probability	Ç. Kaspar
	15.00-15.50	Probability	Ç. Kaspar
	16.00-16.50	LAB: Abdominal Muscles Group B	ANATOMY
	17.00-17.50	LAB: Abdominal Muscles Group A	ANATOMY
23-Apr-2015		NATIONAL HOLIDAY	
THURSDAY			
24-Apr-2015	09.00-09.50	How to Read and Write an Article	G. D. Yanıkkaya
FRIDAY	10.00-10.50	How to Read and Write an Article	G. D. Yanıkkaya
	11.00-11.50	ATP Production by Oxidative Phosphorylation	İ. Özden
	12.00-12.50	ATP Production by Oxidative Phosphorylation	İ. Özden
	13.00-13.50		
	14.00-14.50	Abdominal Wall Overview	I. Siatitsas
	15.00-15.50	LAB: BIOCHEMISTRY Gr A / BIostat. Gr C	BIOCHEMISTRY BIostatISTICS
	16.00-16.50	LAB: BIOCHEM. Gr A / BIostat. Gr C	BIOCHEMISTRY BIostatISTICS
	17.00-17.50	Independent study hour	

II. WEEK

DAY	HOUR	SUBJECT	LECTURER
27-Apr-2015	09.00-09.50	CSL: Patient-Doctor Communication Skills Using SPs IV	G. İzbirak & A Akalın
MONDAY	10.00-10.50	CSL: Patient-Doctor Communication Skills Using SPs IV	G. İzbirak & A Akalın
	11.00-11.50	CSL: Patient-Doctor Communication Skills Using SPs IV	G. İzbirak & A Akalın
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Fetal Period	A. Cumbul
	16.00-16.50	Implantation; Extraembryonic Layers	A. Cumbul
	17.00-17.50	Independent study hour	
28-Apr-2015 TUESDAY	09.00-09.50	Psychopathology	BEHAVIORAL SCI.
	10.00-10.50	Psychopathology	BEHAVIORAL SCI.
	11.00-11.50	ATP Production by Oxidative Phosphorylation	İ. Özden
	12.00-12.50	ATP Production by Oxidative Phosphorylation	İ. Özden
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
29-Apr-2015 WEDNESDAY	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	09.00-09.50	Pelvic Girdle	I. Siatitsas
	10.00-10.50	Pelvic Girdle	I. Siatitsas
	11.00-11.50	Genome of Mithochondria	T. İsbir
	12.00-12.50	Genome of Mithochondria	T. İsbir
	13.00-13.50		
	14.00-14.50	Theoretical Distributions	Ç. Kaspar
	15.00-15.50	Theoretical Distributions	Ç. Kaspar
30-Apr-2015 THURSDAY	16.00-16.50	LAB: Pelvic Girdle Group A	ANATOMY
	17.00-17.50	LAB: Pelvic Girdle Group B	ANATOMY
	09.00-09.50	Theoretical Distributions	Ç. Kaspar
	10.00-10.50	Theoretical Distributions	Ç. Kaspar
	11.00-11.50	Transport Through Biological Membranes	İ. Özden
	12.00-12.50	Transport Through Biological Membranes	İ. Özden
	13.00-13.50		
	14.00-14.50	Thigh and Popliteal Fossa	I. Siatitsas
01-May-2015 FRIDAY	15.00-15.50	Thigh and Popliteal Fossa	I. Siatitsas
	16.00-16.50	LAB: Thigh and Popliteal Fossa Gr. B	ANATOMY
	17.00-17.50	LAB: Thigh and Popliteal Fossa Gr. A	ANATOMY
LABOR'S DAY			

III. WEEK

DAY	HOUR	SUBJECT	LECTURER
04-May-2015 MONDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Transport Through Biological Membranes	İ. Özden
	11.00-11.50	Independent study hour	
	12.00-12.50		
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Genome of Mithochondria	T. İsbir
	16.00-16.50	Independent study hour	
05-May-2015 TUESDAY	17.00-17.50	Independent study hour	
	09.00-09.50	Psychopathology	BEHAVIORAL SCI.
	10.00-10.50	Psychopathology	BEHAVIORAL SCI.
	11.00-11.50	Transport Through Biological Membranes	İ. Özden
	12.00-12.50	Transport of Monosaccharides Through Enterocytes	İ. Özden
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
06-May-2015 WEDNESDAY	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	09.00-09.50	Independent study hour	
	10.00-10.50	Independent study hour	
	11.00-11.50	Biology of Energy and Energy Balance	T. İsbir
	12.00-12.50	Biology of Energy and Energy Balance	T. İsbir
	13.00-13.50		
	14.00-14.50	LAB: BIOCHEMISTRY Gr B / BIostat. Gr A	BIOCHEMISTRY BIostatISTICS
07-May-2015 THURSDAY	15.00-15.50	LAB: BIOCHEMISTRY Gr B / BIostat. Gr A	BIOCHEMISTRY BIostatISTICS
	16.00-16.50	SPRING FEST	
	17.00-17.50	SPRING FEST	
	09.00-09.50	SPRING FEST	
	10.00-10.50	SPRING FEST	
	11.00-11.50	SPRING FEST	
	12.00-12.50	SPRING FEST	
	13.00-13.50		
08-May-2015 FRIDAY	14.00-14.50	SPRING FEST	
	15.00-15.50	SPRING FEST	
	16.00-16.50	SPRING FEST	
	17.00-17.50	SPRING FEST	
	09.00-09.50	SPRING FEST	
	10.00-10.50	SPRING FEST	
	11.00-11.50	SPRING FEST	
	12.00-12.50	SPRING FEST	
08-May-2015 FRIDAY	13.00-13.50		
	14.00-14.50	SPRING FEST	
	15.00-15.50	SPRING FEST	
	16.00-16.50	SPRING FEST	
	17.00-17.50	SPRING FEST	
	09.00-09.50	SPRING FEST	
	10.00-10.50	SPRING FEST	
	11.00-11.50	SPRING FEST	

IV. WEEK DAY	HOUR	SUBJECT	LECTURER
11-May-2015 MONDAY	09.00-09.50	Leg and Knee	Y. Aydar
	10.00-10.50	Leg and Knee	Y. Aydar
	11.00-11.50	Glucose Uptake by Different Types of Tissues	İ. Özden
	12.00-12.50	Enzymes Involved in Digestion of Starch, Lactose, Sucrose	İ. Özden
	13.00-13.50	Turkish Language & Literature	B. Selimhocaoglu
	14.00-14.50	Turkish Language & Literature	B. Selimhocaoglu
	15.00-15.50	Enzymes Involved in Digestion of Starch, Lactose, Sucrose	İ. Özden
	16.00-16.50	LAB: Leg and Knee Group A	ANATOMY
12-May-2015 TUESDAY	17.00-17.50	LAB: Leg and Knee Group B	ANATOMY
	09.00-09.50	Death and Dying	BEHAVIORAL SCI.
	10.00-10.50	Death and Dying	BEHAVIORAL SCI.
	11.00-11.50	Glycogenesis, Glycogenolysis	İ. Özden
	12.00-12.50	Regulation of Glycogenesis, Glycogenolysis	İ. Özden
	13.00-13.50		
	14.00-14.50	Anatomical Drawing	R. Aziz
	15.00-15.50	Anatomical Drawing	R. Aziz
13-May-2015 WEDNESDAY	16.00-16.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	17.00-17.50	Atatürk's Principles& History of M. Turkey	D. Ekşi
	09.00-09.50	Ankle and Foot	Y. Aydar
	10.00-10.50	Ankle and Foot	Y. Aydar
	11.00-11.50	Diagnostic Testing	Ç. Kaspar
	12.00-12.50	Diagnostic Testing	Ç. Kaspar
	13.00-13.50		
	14.00-14.50	Biology of Life Span	T. İsbir
14-May-2015 THURSDAY	15.00-15.50	Biology of Life Span	T. İsbir
	16.00-16.50	LAB: Ankle and Foot Gr B	ANATOMY
	17.00-17.50	LAB: Ankle and Foot Gr A	ANATOMY
	09.00-09.50	The Description of Epidemiology	Ç. Kaspar
	10.00-10.50	Extraembryoner Structures; Membranes	A. Cumbul
	11.00-11.50	Energy of Aerobic and Anaerobic Glycolysis	İ. Özden
	12.00-12.50	Shuttle Systems Related to Energy Production in Glycolysis	İ. Özden
	13.00-13.50		
15-May-2015 FRIDAY	14.00-14.50	Nerves and Vasculature of the Lower Limb	I. Siatitsas
	15.00-15.50	Nerves and Vasculature of the Lower Limb	I. Siatitsas
	16.00-16.50	LAB: Nerves and Vasculature of the Lower Limb Gr. A	ANATOMY
	17.00-17.50	LAB: Nerves and Vasculature of the Lower Limb Gr. B	ANATOMY
	09.00-09.50	Gluconeogenesis: Enzymes of the Pathway	İ. Özden
	10.00-10.50	Regulation of Gluconeogenesis	İ. Özden
	11.00-11.50	Independent study hour	
	12.00-12.50	Independent study hour	
	13.00-13.50		
	14.00-14.50	LAB: BIOCHEMISTRY Gr C / BIOSTAT. Gr B	BIOCHEMISTRY BIostatISTICS
	15.00-15.50	LAB: BIOCHEM. Gr C / BIOSTAT. Gr B	BIOCHEMISTRY BIostatISTICS
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	

V. WEEK

DAY	HOUR	SUBJECT	LECTURER
18-May-2015 MONDAY	09.00-09.50	Neurological Examination- Lower Limb	K. Yücel
	10.00-10.50	Infertility and Contraception	U.Uslu
	11.00-11.50	Glycolysis: Enzymes of the Pathway	İ. Özden
	12.00-12.50	Regulation of Glycolysis by Enzymes	İ. Özden
	13.00-13.50		
	14.00-14.50	Independent study hour	
	15.00-15.50	Independent study hour	
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
19-May-2015 TUESDAY		NATIONAL HOLIDAY	
20-May-2015 WEDNESDAY	09.00-09.50	Independent study hour	
	10.00-10.50	Death and Dying	BEHAVIORAL SCI.
	11.00-11.50	Independent study hour	
	12.00-12.50	Epidemiological Research Methods and Calculation of the Risk	Ç. Kaspar
	13.00-13.50		
	14.00-14.50	LAB: Developing of Human Gr A	HISTOLOGY
	15.00-15.50	LAB: Developing of Human Gr A	HISTOLOGY
	16.00-16.50	Independent study hour	
	17.00-17.50	Independent study hour	
21-May-2015 THURSDAY	09.00-09.50	Overview of the Lower Limb	K. Yücel
	10.00-10.50	Overview of the Lower Limb	K. Yücel
	11.00-11.50	Primary Hemostasis	İ. Özden
	12.00-12.50	Secondary Hemostasis	İ. Özden
	13.00-13.50		
	14.00-14.50	Assisted Reproductive Techniques	U.Uslu
	15.00-15.50	Twins and Partrution	U.Uslu
	16.00-16.50	LAB: Nerves and Vasculature of the Lower Limb Gr. B	ANATOMY
	17.00-17.50	LAB: Nerves and Vasculature of the Lower Limb Gr. A	ANATOMY
22-May-2015 FRIDAY	09.00-09.50	Epidemiological Research Methods and Calculation of the Risk	Ç. Kaspar
	10.00-10.50	Sampling in Epidemiology	Ç. Kaspar
	11.00-11.50	Anticoagulation	İ. Özden
	12.00-12.50	Fibrinolysis	İ. Özden
	13.00-13.50		
	14.00-14.50	LAB: Developing of Human Gr B	HISTOLOGY
	15.00-15.50	LAB: Developing of Human Gr B	HISTOLOGY
	16.00-16.50	Introduction to Radiological Anatomy	I. Siatitsas
	17.00-17.50	Introduction to Radiological Anatomy	I. Siatitsas

VI. WEEK

DAY

25-May-2015

MONDAY

09.00-09.50

10.00-10.50

11.00-11.50

12.00-12.50

13.00-13.50

14.00-14.50

15.00-15.50

16.00-16.50

17.00-17.50

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

26-May-2015

TUESDAY

09.00-09.50

10.00-10.50

11.00-11.50

12.00-12.50

13.00-13.50

14.00-14.50

15.00-15.50

16.00-16.50

17.00-17.50

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

27-May-2015

WEDNESDAY

09.00-09.50

10.00-10.50

11.00-11.50

12.00-12.50

13.00-13.50

14.00-14.50

15.00-15.50

16.00-16.50

17.00-17.50

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

Independent study hour

28-May-2015

THURSDAY

09.00-09.50

10.00-10.50

11.00-11.50

12.00-12.50

13.00-13.50

14.00-14.50

15.00-15.50

16.00-16.50

17.00-17.50

BIostatistics EXAM
BIostatistics EXAM

PRACTICAL EXAM
PRACTICAL EXAM
PRACTICAL EXAM

29-May-2015

FRIDAY

09.00-09.50

10.00-10.50

11.00-11.50

12.00-12.50

13.00-13.50

14.00-14.50

15.00-15.50

16.00-16.50

17.00-17.50

THEORETICAL EXAM
THEORETICAL EXAM
THEORETICAL EXAM
THEORETICAL EXAM

REVIEW OF THE COMMITTEE EXAM
QUESTIONS
REVIEW OF THE COMMITTEE EXAM
QUESTIONS

DAY		
8-9 June-2015		
MONDAY	10.00	MAKE UP EXAM
TUESDAY		
10-June-2015		
WEDNESDAY	10.00	ICP-I MAKE UP EXAM
22- June -2015		
MONDAY	10.00	FINAL EXAM
25- 26 June - 2015		
THURSDAY- FRIDAY	08.30- 18.00	ICP-I FINAL EXAM-OSCE
13-July-2015		
MONDAY	10.00	ICP-I INCOMPLETE EXAM
22-July -2015	10.00	
WEDNESDAY		INCOMPLETE EXAM

YEDİTEPE UNIVERSITY

FACULTY OF MEDICINE

RECOMMENDED TEXTBOOKS FOR PHASE I

NO	DEPARTMENT	TEXTBOOK	AUTHOR	PUBLISHER
1	ANATOMY	Gray's Anatomy for Students	R.L. Drake et al	Churchill Livingstone
		Clinically Oriented Anatomy	K.L. Moore et al	Lippincott Williams & Wilkins
		Basic Human Anatomy A Regional Study of Human Structure	Ronan O'Rahilly, M.D. et al	Online version developed at: DARTMOUTH MEDICAL SCHOOL http://www.dartmouth.edu/~humananatomy/index.html
		Last's Anatomy: Regional and Applied, 12 th Edition	Chummy S. Sinnatamby	Churchill Livingstone
2	BIOCHEMISTRY	Textbook of Biochemistry with Clinical Correlations	Thomas M. Devlin	Wiley-Liss Publishing Company
		Harper's Illustrated Biochemistry	Robert K. Murray et al	Mc-Graw-Hill Companies
		Lehninger Principles of Biochemistry	David L. Nelson, Michael M. Cox	W.H. Freeman Publishing Company
3	BIOPHYSICS	Introductory Biophysics: Perspectives on the Living State	J.R. Claycomb, J.P. Tran	Jones & Bartlett Publishers
4	BIostatISTICS	Primer of Biostatistics	Stanton Glantz	Mc-Graw-Hill Companies
5	HISTOLOGY	Histology: A Text and Atlas	M. H. Ross & W. Pawlina	Lippincott Williams & Wilkins
		Histology and Cell Biology: An Introduction to Pathology	A. Kierszenbaum & L. Tres	Mosby
	EMBRYOLOGY	Larsen's Human Embryology	G. C. Schoenwolf et al	Churchill Livingstone
6	MEDICAL BIOLOGY	Molecular Biology of the Cell	Bruce Alberts et al	Garland Science
7	MEDICAL ETICS	Clinical Bioethics: Theory and Practice in Medical-Ethical Decision Making	James E. Drane	Sheed & Ward
	MEDICAL HISTORY	Medical History for Students	John R. Green	Thomas
8	MICROBIOLOGY	Medical Microbiology: with Student Consult	P. R. Murray et al	Saunders
9	ORGANIC CHEMISTRY	Organic Chemistry	John E. McMurry	Cengage Learning
10	PHYSIOLOGY	Guyton Physiology	John E. Hall	Saunders
		Human Physiology	Stuart Fox	Mc-Graw-Hill Science

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