

GAZI UNIVERSITY FACULTY OF MEDICINE

PHASE I

2015-2016

CELL BIOLOGY SCIENCES COMMITTEE

(11 JANUARY – 25 MARCH 2016)

COURSES	THEORETICAL	PRACTICAL	TOTAL
Emergency Medicine	7	1x5	8
Medical Biochemistry	10	6x2	16
Physiology	12	8x2	20
Histology and Embriology	8	8x2	16
Medical Microbiology	38	4x4 8x2	50
Biophysics	10	--	10
Immunology	5	--	5
TOTAL	90	35	125
ELECTIVE COURSE	16	--	16
INTRODUCTION TO CLINICAL PRACTICE			
COMMUNICATION SKILLS	8	-	8
PROFESSIONALISM IN MEDICINE	2	--	2
HUMAN SCIENCES IN MEDICINE	4	--	4
CSE	-	4X4	4
TOTAL	120	39	159

OBLIGATORY COURSES

Turkish Language	18
Atatürk's Principles and History of His Revolutions	18
English	36

* Community Based Medical Education (CBME) trainings will be performed with the academic advisors parallel to the ongoing program as one hour per week.

Dean	Prof. Dr. Sacit TURANLI
Vice Dean	Prof. Dr. Sevcan A. BAKKALOĞLU EZGÜ
Vice Dean	Prof. Dr. İ. Onur ÖZEN
Head Coordinator	Prof. Dr. Anıl ONAN
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Fatih Süheyl EZGÜ
Assistant Head Coordinator	Prof. Dr. Işıl İrem BUDAKOĞLU
Phase I Coordinator	Assoc. Prof. Dr. Arzu L. ARAL
Assistant Phase I Coordinator	Asist. Prof. Dr. Canan DEMİRTAŞ
Assistant Phase I Coordinator	Lecturer H. İlke ÖNEN
Assistant Phase I Coordinator	Lecturer Asiye UĞRAŞ DİKMEN

MEMBERS OF COMMITTEE

MEDICAL BIOCHEMISTRY	PHYSIOLOGY	HISTOLOGY AND EMBRIOLOGY	MEDICAL MICROBIOLOGY	IMMUNOLOGY	EMERGENCY MEDICINE	COMMUNICATION SKILLS
Dr. Ayşe BİLGİHAN						
Dr. Banu ÇAYCI	Dr. Lamia PINAR	Dr. Çiğdem ELMAS	Dr. Meltem YALINAY	Dr. Vedat BULUT	Dr. Ahmet DEMİRCAN	Dr. Fatma ULUTAN
Dr. Aylin SEPİCİ DİNÇEL	Dr. Deniz ERBAŞ	Dr. Gülnur T. KAPLANOĞLU	Dr. Kayhan ÇAĞLAR	Dr. Resul KARAKUŞ	Dr. Ayfer KELEŞ	Dr. Ercüment TEKİN
Dr. Canan YILMAZ DEMİRTAŞ		Dr. Seda Nur AKYOL	Dr. AYŞE KALKANCI	Dr. Arzu L.ARAL	Dr. Fikret BİLDİK	Dr. Nesrin DEMİRSOY
Dr. Zeynep GİNIŞ			Dr. Funda DOĞRUMAN AL		Dr. İsa KILIÇASLAN	Dr. Bülent BOYACI
BIOPHYSICS					Dr. Mehmet Akif KARAMERCAN	Dr. Figen ŞAHİN DAĞLI
Dr. Ayşe CANSEVEN KURŞUN						Dr. Meltem YALINAY
Dr. Meriç EŞMEKAYA						
HUMAN SCIENCES IN MEDICINE	PROFESIONALISM IN MEDICINE					
Dr. Ceyhun Akın CENGİZ	Dr. Nesrin ÇOBANOĞLU					

Communication Skills in Medicine	Prof. Dr. Figen Şahin (coordinator)
Clinical Skills Education (CSE)	Doç. Dr. Yusuf Önal (coordinator)
Elective Courses	Doç. Dr. Ece Konaç (coordinator)

	11.01.2016 MONDAY	12.01.2016 TUESDAY	13.01.2016 WEDNESDAY	14.01.2016 THURSDAY	15.01.2016 FRIDAY
08:30-09:20	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME
09:30-10:20	DISCUSSION about the 3rd COMMITTEE EXAM QUESTIONS	Cardiopulmonary Resuscitation and Removing Foreign Body from Airway Dr. A. Keleş	First Aid in Bleeding and wounds Dr. F. Bildik	FREE TIME	History and nomenclature of microbiology Dr. A. Kalkancı
10:30-11:20	Atatürk's Principles and History of His Revolutions	Cardiopulmonary Resuscitation and Removing Foreign Body from Airway Dr. A. Keleş	Poisoning, Bites and Wounds Dr. I. Kılıçaslan	CRITICAL THINKING AND ART	Membranes And Electrical Properties of Cells, Electrical Equivalent Cell Models Dr. A. C. Kurşun Dr. M. Eşmekaya
11:30-12:20	Atatürk's Principles and History of His Revolutions	Microscopy types and use of area Dr. Ç. Elmas/Dr. S. N. Akyol	Heart and Circulatory Problems and Nervous System Problems Dr. M. A. Karamercan	CRITICAL THINKING AND ART	Membranes And Electrical Properties of Cells, Electrical Equivalent Cell Models Dr. A. C. Kurşun Dr. M. Eşmekaya
13:30-14:20	ELECTIVE COURSE	ENG-103	Web immunology Dr. V. Bulut	EMERGENCY MED. CSE Basic life support, relief of foreign bodies from airway	Bacterial cell structure Dr. M. Yalınay
14:30-15:20	ELECTIVE COURSE	ENG-103	Introduction to the immune system: Defense Mechanisms Dr. V. Bulut	EMERGENCY MED. CSE Basic life support, relief of foreign bodies from airway	Bacterial cell structure Dr. M. Yalınay
15:30-16:20	Definition and Application of First Aid, Emergency First Aid in Different conditions Dr. A. Demircan	ENG-103	Cell structure, cytoplasm and components Dr. Ç. Elmas	EMERGENCY MED. CSE Basic life support, relief of foreign bodies from airway	Turkish Language and Literature
16:30-17:20	Definition and Application of First Aid, Emergency First Aid in Different conditions Dr. A. Demircan	ENG-103	Cell structure, cytoplasm and components Dr. Ç. Elmas	EMERGENCY MED. CSE Basic life support, relief of foreign bodies from airway	Turkish Language and Literature

	18.01.2016 MONDAY	19.01.2016 TUESDAY	20.01.2016 WEDNESDAY	21.01.2016 THURSDAY	22.01.2016 FRIDAY
08:30-09:20	Digestion of nucleic acids Dr. A. S. Dinçel	APP.COURSE MICROBIOLOGY (Equipment and media used in microbiology laboratory)	FREE TIME	FREE TIME	APP.COURSE HISTOL-EMBRYOL-1
09:30-10:20	De nova synthesis of purine nucleotides Dr. A. S. Dinçel	APP.COURSE MICROBIOLOGY (Equipment and media used in microbiology laboratory)	Definition of inclusion and nucleus structure Dr. Ç. Elmas	Evaluation of Cell Potential... Dr. A. C. Kurşun Dr. M. Eşmekaya	APP.COURSE HISTOL-EMBRYOL-1
10:30-11:20	Morphology and staining of bacteria Dr. M. Yalınay	APP.COURSE MICROBIOLOGY (Equipment and media used in microbiology laboratory)	Definition of inclusion and nucleus structure Dr. Ç. Elmas	Evaluation of Cell Potential... Dr. A. C. Kurşun Dr. M. Eşmekaya	APP.COURSE HISTOL-EMBRYOL 1
11:30-12:20	Growth and metabolism of Bacteria Dr. K. Çağlar	APP.COURSE MICROBIOLOGY (Equipment and media used in microbiology laboratory)	Antigen Dr. R. Karakuş	Regulation of purine and pyrimidine synthesis Dr. A. S. Dinçel	APP.COURSE HISTOL-EMBRYOL 1
13:30-14:20	ELECTIVE COURSE	ENG-103	Reason of Biological Potential Difference: Asymmetry Dr. A. C. Kurşun/Dr. M. Eşmekaya	Histochemical techniques Dr. G. T. Kaplanoğlu/Dr. S. Akyol	FREE TIME
14:30-15:20	ELECTIVE COURSE	ENG-103	Reason of Biological Potential Difference: Asymmetry Dr. A. C. Kurşun/Dr. M. Eşmekaya	Histochemical techniques Dr. G. T. Kaplanoğlu/Dr. S. Akyol	FREE TIME
15:30-16:20	Turkish Language and Literature	ENG-103	Purine catabolism Dr. A. S. Dinçel	Atatürk's Principles and History of His Revolutions	FREE TIME
16:30-17:20	Turkish Language and Literature	ENG-103	Pyrimidine biosynthesis and catabolism Dr. A. S. Dinçel	Atatürk's Principles and History of His Revolutions	FREE TIME

25 JANUARY – 05 FEBRUARY 2016
SEMESTER HOLIDAY

	08.02.2016 MONDAY	09.02.2016 TUESDAY	10.02.2016 WEDNESDAY	11.02.2016 THURSDAY	12.02.2016 FRIDAY
08:30 - 09:20	Atatürk's Principles and History of His Revolutions	APP.COURSE BIOCHEM. Determination of uric acid Dr. A. Dinçel	Atatürk's Principles and History of His Revolutions	FREE TIME	Sound, physical characteristics and formation of sound, Ultrasound Dr. A. C. Kurşun Dr. M. Eşmekaya
09:30 - 10:20	Bacteriophages Dr. M. Yalınay	APP.COURSE BIOCHEM. Determination of uric acid Dr. A. Dinçel	Antibody Dr. R. Karakuş	General properties and classification of fungi Dr. A. Kalkancı	Sound, physical characteristics and formation of sound, Ultrasound Dr. A. C. Kurşun Dr. M. Eşmekaya
10:30 - 11:20	Bacteria-host relationships Dr. K. Çağlar	APP.COURSE BIOCHEM. Determination of uric acid Dr. A. Dinçel	Bacterial genetics Dr. M. Yalınay	Introduction of Physiology, milieu interieur, homeostasis Dr. D. Erbaş	Fungi-host relationship Dr. A. Kalkancı
11:30 - 12:20	Bacteria-host relationships Dr. K. Çağlar	APP.COURSE BIOCHEM. Determination of uric acid Dr. A. Dinçel	Bacterial genetics Dr. M. Yalınay	Body fluid compartments and properties Dr. D. Erbaş	Virulance factors of fungi Dr. A. Kalkancı
13:30 - 14:20	ELECTIVE COURSE	ENG 104	APP.COURSE HISTOL-EMBRYOL 2	FREE TIME	Turkish Language and Literature
14:30 - 15:20	ELECTIVE COURSE	ENG 104	APP.COURSE HISTOL-EMBRYOL 2	FREE TIME	Turkish Language and Literature
15:30 - 16:20	FREE TIME	ENG 104	APP.COURSE HISTOL-EMBRYOL 2	FREE TIME	FREE TIME
16:30 - 17:20	FREE TIME	ENG 104	APP.COURSE HISTOL-EMBRYOL 2	FREE TIME	FREE TIME

	15.02.2016 MONDAY	16.02.2016 TUESDAY	17.02.2016 WEDNESDAY	18.02.2016 THURSDAY	19.02.2016 FRIDAY
08:30 - 09:20	FREE TIME	FREE TIME	APP.COURSE MICROBIOLOGY (Morphology and staining methods of Bacteria)	FREE TIME	FREE TIME
09:30 - 10:20	Defense mechanisms of the host against bacteria Dr. K. Çağlar	Cell division, differentiation and aging Dr. G. T. Kaplanoğlu/Dr. S. Akyol	APP.COURSE MICROBIOLOGY (Morphology and staining methods of Bacteria)	FREE TIME	Porphyria Dr. B. Çaycı
10:30 - 11:20	Signal transmission in the cell Dr. D. Erbaş	Synthesis and catabolism of porphyrins Dr. B. Ç. Sivri	APP.COURSE MICROBIOLOGY (Morphology and staining methods of Bacteria)	Fungal evolution Dr. A. Kalkancı	Transport of substances through the cell membrane Dr. D. Erbaş
11:30 - 12:20	Signal transmission in the cell Dr. D. Erbaş	Synthesis and catabolism of porphyrins Dr. B. Ç. Sivri	APP.COURSE MICROBIOLOGY (Morphology and staining methods of Bacteria)	Mycotoxins and their effects on humans Dr. A. Kalkancı	Transport of substances through the cell membrane Dr. D. Erbaş
13:30 - 14:20	ELECTIVE COURSE	ENG 104	APP.COURSE MICROBIOLOGY (Morphology and staining methods of Bacteria)	APP.COURSE HISTOL-EMBRYOL 3	Communication Skills-1
14:30 - 15:20	ELECTIVE COURSE	ENG 104	APP.COURSE MICROBIOLOGY (Morphology and staining methods of Bacteria)	APP.COURSE HISTOL-EMBRYOL 3	Communication Skills-1
15:30 - 16:20	Turkish Language and Literature	ENG 104	APP.COURSE MICROBIOLOGY (Morphology and staining methods of Bacteria)	APP.COURSE HISTOL-EMBRYOL. 3	Atatürk's Principles and History of His Revolutions
16:30 - 17:20	Turkish Language and Literature	ENG 104	APP.COURSE MICROBIOLOGY (Morphology and staining methods of Bacteria)	APP.COURSE HISTOL-EMBRYOL. 3	Atatürk's Principles and History of His Revolutions

	22.02.2016 D3 EXAM	23.02.2016 TUESDAY	24.02.2016 WEDNESDAY	25.02.2016 THURSDAY	26.02.2016 FRIDAY
08:30 - 09:20	Atatürk's Principles and History of His Revolutions	FREE TIME	APP.COURSE HISTOL-EMBRYOL 4 APP.COURSE MICROBIOLOGY (Culture methods and colony morphology and products of bacteria, antibiotic susceptibility test methods)	APP.COURSE PHYSIOLOGY 1	Communication Skills-2
09:30 - 10:20	Atatürk's Principles and History of His Revolutions	Antigen-Antibody Reactions and Serological Tests Dr. A. Aral	APP.COURSE HISTOL-EMBRYOL 4 APP.COURSE MICROBIOLOGY (Culture methods and colony morphology and products of bacteria, antibiotic susceptibility test methods)	APP.COURSE PHYSIOLOGY 1	Communication Skills-2
10:30 - 11:20	FREE TIME	Transport of substances through the cell membrane Dr. D. Erbas	APP.COURSE HISTOL-EMBRYOL 4 APP.COURSE MICROBIOLOGY (Culture methods and colony morphology and products of bacteria, antibiotic susceptibility test methods)	APP.COURSE PHYSIOLOGY 1	CSE-6
11:30 - 12:20	FREE TIME	Transport of substances through the capillaries Dr. D. Erbas	APP.COURSE HISTOL-EMBRYOL 4 APP.COURSE MICROBIOLOGY (Culture methods and colony morphology and products of bacteria, antibiotic susceptibility test methods)	APP.COURSE PHYSIOLOGY 1	CSE-6
13:30 - 14:20	ELECTIVE COURSE	MEDICAL DOCTORING	APP.COURSE MICROBIOLOGY (Culture methods and colony morphology and products of bacteria, antibiotic susceptibility test methods)	APP.COURSE BIOCHEM. Determinations of urine bilirubin and urobilinogen Dr. Z. Giniş	Mechanims of actions of antimicrobial drugs and resistance mechanisms Dr. M. Yalnay
14:30 - 15:20	ELECTIVE COURSE	ENG 104	APP.COURSE MICROBIOLOGY (Culture methods and colony morphology and products of bacteria, antibiotic susceptibility test methods)	APP.COURSE BIOCHEM. Determinations of urine bilirubin and urobilinogen Dr. Z. Giniş	Mechanims of actions of antimicrobial drugs and resistance mechanisms Dr. M. Yalnay
15:30 - 16:20	Piezoelectric structures in tissues, recovery of bone break, invasive and non-invasive techniques Dr. A. C. Kurşun Dr. M. Eşmekaya	ENG 104	APP.COURSE MICROBIOLOGY (Culture methods and colony morphology and products of bacteria, antibiotic susceptibility test methods)	APP.COURSE BIOCHEM. Determinations of urine bilirubin and urobilinogen Dr. Z. Giniş	Turkish Language and Literature
16:30 - 17:20	Piezoelectric structures in tissues, recovery of bone break, invasive and non-invasive techniques Dr. A. C. Kurşun Dr. M. Eşmekaya	ENG 104	APP.COURSE MICROBIOLOGY (Culture methods and colony morphology and products of bacteria, antibiotic susceptibility test methods)	APP.COURSE BIOCHEM. Determinations of urine bilirubin and urobilinogen Dr. Z. Giniş	Turkish Language and Literature

	29.02.2016	01.03.2016	02.03.2016	03.03.2016	04.03.2016
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:30 - 09:20	FREE TIME	APP.COURSE MICROBIOLOGY Sterilization and disinfection	FREE TIME	APP.COURSE PHYSIOLOGY 2	CSE-7
09:30 - 10:20	Laboratory methods in antibiotic selection Dr. M. Yalınay	APP.COURSE MICROBIOLOGY Sterilization and disinfection	General properties and structure of viruses Dr. F. D. Al	APP.COURSE PHYSIOLOGY 2	CSE-7
10:30 - 11:20	Sterilization and disinfection Dr. K. Çağlar	APP.COURSE MICROBIOLOGY Sterilization and disinfection	General properties and structure of viruses Dr. F. D. Al	APP.COURSE PHYSIOLOGY 2	Communication Skills-3
11:30 - 12:20	Sterilization and disinfection Dr. K. Çağlar	APP.COURSE MICROBIOLOGY Sterilization and disinfection	Viral genetics Dr.A.Kalkancı	APP.COURSE PHYSIOLOGY 2	Communication Skills-3
13:30 - 14:20	ELECTIVE COURSE	ENG 104	Virus-host relationship Dr. K. Çağlar	Atatürk's Principles and History of His Revolutions	FREE TIME
14:30 - 15:20	ELECTIVE COURSE	ENG 104	Virus-host relationship Dr. K. Çağlar	Atatürk's Principles and History of His Revolutions	FREE TIME
15:30 - 16:20	Turkish Language and Literature	ENG 104	FREE TIME	FREE TIME	FREE TIME
16:30 - 17:20	Turkish Language and Literature	ENG 104	FREE TIME	FREE TIME	FREE TIME

	07.03.2016	08.03.2016	09.03.2016	10.03.2016	11.03.2016
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	D2 EXAM
08:30-09:20	FREE TIME	FREE TIME	Atatürk's Principles and History of His Revolutions	APP.COURSE BIOCHEM. Determination of serum inorganic phosphates Dr. C. Demirtaş	FREE TIME
09:30-10:20	Viral oncogenesis Dr. K. Çağlar	FREE TIME	Atatürk's Principles and History of His Revolutions	APP.COURSE BIOCHEM. Determination of serum inorganic phosphates Dr. C. Demirtaş	FREE TIME
10:30-11:20	Bioelectrical potentials Dr. L. Pınar	FREE TIME	Bioelectrical potentials Dr. L. Pınar	APP.COURSE BIOCHEM. Determination of serum inorganic phosphates Dr. C. Demirtaş	CSE-8
11:30-12:20	Bioelectrical potentials Dr. L. Pınar	FREE TIME	Bioelectrical potentials Dr. L. Pınar	APP.COURSE BIOCHEM. Determination of serum inorganic phosphates Dr. C. Demirtaş	CSE-8
13:30-14:20	ELECTIVE COURSE	ENG 104	Mechanisms of actions of antiviral, antifungal, antiparasitic drugs and resistance mechanisms Dr. A. Kalkancı	APP.COURSE PHYSIOLOGY 3 APP.COURSE MICROBIOL. Serological methods	FREE TIME
14:30-15:20	ELECTIVE COURSE	ENG 104	Inorganic metabolism Dr. C. Y. Demirtaş	APP.COURSE PHYSIOLOGY 3 APP.COURSE MICROBIOL. Serological methods	FREE TIME
15:30-16:20	Turkish Language and Literature	ENG 104	Inorganic metabolism Dr. C. Y. Demirtaş	APP.COURSE PHYSIOLOGY 3 APP.COURSE MICROBIOL. Serological methods	FREE TIME
16:30-17:20	Turkish Language and Literature	ENG 104	FREE TIME	APP.COURSE PHYSIOLOGY 3 APP.COURSE MICROBIOL. Serological methods	FREE TIME

	14.03.2016 MONDAY TIP BAYRAMI (Feast of Medicine)	15.03.2016 TUESDAY	16.03.2016 WEDNESDAY	17.03.2016 THURSDAY	18.03.2016 FRIDAY
08:30 - 09:20	Turkish Language and Literature	FREE TIME	Turkish Language and Literature	APP.COURSE MICROBIOL. Fungi	CSE-9
09:30 - 10:20	FREE TIME	Introduction to parasitology and parasitism Dr. K. Çağlar	Turkish Language and Literature	APP.COURSE MICROBIOL. Fungi	CSE-9
10:30 - 11:20	Philosophy of Science Dr. C. A. Cengiz	Epidemiology and control of parasitic infections Dr. K. Çağlar	General properties of molds Dr. A. Kalkancı	APP.COURSE MICROBIOL. Fungi	Communication Skills-4
11:30 - 12:20	Philosophy of Science Dr. C. A. Cengiz	Introduction to molecular microbiology Dr. M. Yalınay	General properties of yeast Dr. A. Kalkancı	APP.COURSE MICROBIOL. Fungi	Communication Skills-4
13:30 - 14:20	ELECTIVE COURSE	ENG 104	General of protozoa Dr. F. D. Al	APP.COURSE MICROBIOL. Fungi	EMERGENCY MED. CSE (MAKE UP)
14:30 - 15:20	ELECTIVE COURSE	ENG 104	General properties of helminths Dr. F. D. Al	APP.COURSE MICROBIOL. Fungi	EMERGENCY MED. CSE (MAKE UP)
15:30 - 16:20	Atatürk's Principles and History of His Revolutions	ENG 104	Medicine and Philosophy Dr. C. A. Cengiz	APP.COURSE MICROBIOL. Fungi	Professionalism in Medicine Dr. N. Çobanoğlu
16:30 - 17:20	Atatürk's Principles and History of His Revolutions	ENG 104	Medicine and Philosophy Dr. C. A. Cengiz	APP.COURSE MICROBIOL. Fungi	Professionalism in Medicine Dr. N. Çobanoğlu

	21.03.2016 MONDAY	22.03.2016 TUESDAY	23.03.2016 WEDNESDAY	24.03.2016 THURSDAY	25.03.2016 FRIDAY
08:30 - 09:20	Turkish Language and Literature	APP.COURSE PHYSIOLOGY 4 APP.COURSE MICROBIOL. Parasites	APP.COURSE MICROBIOL. (MAKE UP)	PHASE I PRACTICAL EXAMINATION	
09:30 - 10:20	Immune response to the microorganisms and escape mechanisms from immune system Dr. F. D. Al	APP.COURSE PHYSIOLOGY 4 APP.COURSE MICROBIOL. Parasites	APP.COURSE MICROBIOL. (MAKE UP)	PHASE I PRACTICAL EXAMINATION	PHASE I TEORIC EXAMINATION
10:30 - 11:20	Serological reactions and microorganisms antigens Dr. F. D. Al	APP.COURSE PHYSIOLOGY 4 APP.COURSE MICROBIOL. Parasites	APP.COURSE MICROBIOL. (MAKE UP)	PHASE I PRACTICAL EXAMINATION	PHASE I TEORIC EXAMINATION
11:30 - 12:20	Medical entomology Dr.A. Kalkançı	APP.COURSE PHYSIOLOGY 4 APP.COURSE MICROBIOL. Parasites	APP.COURSE MICROBIOL. (MAKE UP)	PHASE I PRACTICAL EXAMINATION	PHASE I TEORIC EXAMINATION
13:30 - 14:20	ELECTIVE COURSE	ENG 104	APP.COURSE MICROBIOL. (MAKE UP)	PHASE I PRACTICAL EXAMINATION	
14:30 - 15:20	ELECTIVE COURSE	ENG 104	APP.COURSE MICROBIOL. (MAKE UP)	PHASE I PRACTICAL EXAMINATION	
15:30 - 16:20	Atatürk's Principles and History of His Revolutions	ENG 104	APP.COURSE MICROBIOL. (MAKE UP)	PHASE I PRACTICAL EXAMINATION	
16:30 - 17:20	Atatürk's Principles and History of His Revolutions	ENG 104	APP.COURSE MICROBIOL. (MAKE UP)	PHASE I PRACTICAL EXAMINATION	