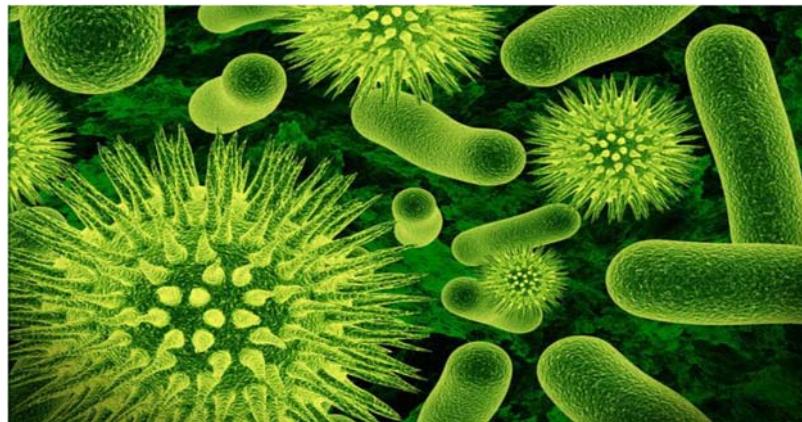




MARMARA UNIVERSITY – EASTERN MEDITERRANEAN
UNIVERSITY INTERNATIONAL MEDICAL SCHOOL



CELL AND TISSUE INJURY - II
YEAR 2 COURSE 2
October 27th, 2020 - December 24th, 2020

Year 2 Coordinators

Assoc. Prof., Özgür Kasımay ÇAKIR & Assist. Prof., Burak AKSU & Assist. Prof., Masoud AFSHANI

Module Coordinators

Prof., Özlem SARIKAYA & Assist. Prof., Bülent SEZGİN

Coordinators of Multidisciplinary Students' Lab.

Assoc. Prof., Betül KARADEMİR & Assist. Prof., Mümtaz GÜRAN

Coordinators of Clinical Skill Lab.

Prof., Pemra ÜNALAN & Assoc. Prof. Nilüfer GÜZOĞLU

Coordinators of ICS Res. Lab.

Prof., Pemra ÜNALAN & Assist. Prof., İlke AKÇAY

Vice-Chief Coordinators

Assessment

Assist. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI

Students' Affairs

Assist. Prof., Can ERZİK & Ins. Yönter MERAY

Chief Coordinator

Assoc. Prof., Hasan YANANLI & Assist. Prof., Mümtaz GÜRAN

Coordinator of Medical Education Program Evaluation and Development Commission

Prof., Berrak Ç. YEĞEN

Educational Consultant

Prof., Mehmet Ali GÜLPINAR

Dean (EMU)

Prof., Nahide GÖKÇORA

Dean (MU)

Prof., Hakan GÜNDÜZ

LEARNING OUTCOMES / COMPETENCIES

- A. Clinical Care: Qualified patient care and community-oriented health care**
 - 1. Basic clinical skills
 - 2. The organization and management of the patient and the patient care
 - 3. The organization and the management of health care delivery services / system
 - 4. Health promotion and disease prevention
- B. Medical Knowledge and Evidence-Based Medicine**
 - 5. Appropriate information retrieval and management skills
 - 6. The integration of knowledge, critical thinking and evidence-based decision making
 - 7. Scientific methods and basic research skills
- C. Professional Attitudes and Values**
 - 8. Communication skills and effective communication with patients / patient relatives
 - 9. Interpersonal relationships and team working
 - 10. Ethical and professional values, responsibilities
 - 11. Individual, social and cultural values and responsibilities
 - 12. Reflective practice and continuing development
 - 13. Healthcare delivery systems, management and community-oriented health care
 - 14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

- 1. Understanding the normal structures and functions of human body
- 2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
- 3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
- 4. Gaining basic clinical skills by applications in simulated settings.
- 5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
- 6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional and ethical values
- 7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course: Growth, Development, Mental Health and Related Disorders

Year 3, Course 5: Urinary and Reproductive System and Related Disorders

CELL AND TISSUE INJURY - II

AIM and LEARNING OBJECTIVES of COURSE

Aim: At the end of this course, second year students will be able to broaden their basic science knowledge to understand how certain alterations in bodily processes may manifest as disease and gain fundamental knowledge about the processes underlying human diseases, as the scientific foundation for developing clinical skills.

Learning Objectives: At the end of this course, second year students will,

1. describe using proper nomenclature, the etiology, pathogenesis, structural and functional changes at cellular and tissue level;
2. describe in detail what happens to cells and tissues in response to abnormal stimuli;
3. explain the basic principles of human immune system as it relates to defense against disease (innate, humoral, cell mediated);
4. describe the principles of classifying infectious microorganisms and their pathogenic properties;
5. gain knowledge about bacteria and bacterial pathogenesis;
6. gain knowledge about fungi and pathogenesis of fungal diseases;
7. Identify major drug classes and prototype drug(s) for each class.

ASSESSMENT SYSTEM

Module examination: Written exam at the end of the course and performance during the module

Practical examination: Practical exams at the end of course

Course examination: Written exam at the end of course

PROGRAM EVALUATION

Evaluation at the end of the course, is done both orally and by using structured evaluation forms

DEPARTMENTS PARTICIPATING IN COURSE-2.1

- Biochemistry
- Microbiology
- Family Medicine
- Immunology

- Pathology
- Pharmacology
- Public Health

LECTURERS / TUTORS

Ahmet TOPUZOĞLU, Professor of Public Health
 Amber EKER, Assoc. Professor of Neurology
 Ayşegül KARAHASAN, Professor of Microbiology
 BÜLENT SEZGİN, Assist. Professor of Internal Medicine
 Cemal GURKAN, Inst., Forensic Sciences
 Deniz FİLİNTE, Assoc. Professor of Pathology
 Deren ÇEKER, Inst., Medical Anthropology
 Emine ÖZERİNÇ, Instructor of Turkish Language
 Filiz ONAT, Professor of Pharmacology
 Halil Eren SAKALLI, Asst. Professor of Pharmacology
 Handan KAYA, Professor of Pathology
 Hüseyin Kemal TÜRKÖZ, Assoc. Professor of Pathology
 İlke AKÇAY, Assist. Professor of Biostatistics
 İpek ERBARUT, Asst. Professor of Pathology
 Masoud AFSHANI, Assist. Professor of Histology & Embryology

Mehmet AKMAN, Professor of Family Medicine
 Mehmet Burak AKSU, Asst. Professor of Microbiology
 Mümtaz GÜRAN, Asst. Professor of Microbiology
 Nevin YILMAZ, Professor of Gastroenterology
 Nilgün ÇERİKÇİOĞLU, Professor of Microbiology
 Nilüfer GÜZOĞLU, Assoc. Professor of Neonatology
 Nurtane KARAGİL, Inst., Arts and Crafts
 Nurver ÜLGER, Professor of Microbiology
 Önder ŞİRİKÇİ, Professor of Biochemistry
 Pelin BAĞCI, Professor of Medical Pathology
 Şirin Funda EREN, Professor of Pathology
 Tunç AKKOÇ, Professor of Immunology
 Ufuk HASDEMİR, Professor of Microbiology
 Zafer GÖREN, Professor of Pharmacology
 Zeynep Arzu İlki, Professor of Microbiology

READING / STUDYING MATERIALS

- Basics and Clinical Pharmacology (Bertram G. Katzung)
- Clinical Pharmacology (Laurence DR, Bennet PN)
- Pharmacological Basis of Therapeutics (Goddman & Gilman's)
- Radiation protection, Ch.5 (Mary Alice Statkiewicz)
- Radiobiology for the radiologist (Eric J. Hall)
- Physics of Life Sciences (Alan H. Cromer)
- Clinical Biophysics (Anbar).
- Radiologic Science for Technologist (S. C. Bushong)
- Textbook of Physiology (Guyton AC)
- Basic Pathology (Stanley L. Robbins, Marcia Angel, Vinay Kumar)
- Histology and Cell Biology: An Introduction to Pathology (Abraham L. Kierszenbaum)
- Review Medical Microbiology (Ernest Jawetz et al.)
- Medical Microbiology (CedricMims et al.)
- Review of Medical Microbiology (Patrie R. Murray, Ken S. Rosenthal)
- Cellular and Molecular Immunology 5th Edition (Abbas, Lichtman)
- Kuby Immunology 4th Edition (Goldsby, Kindt, Osborne)
- Immunobiology 6th Edition (Janeway, Travers, Walport, Schliomchik)
- Immunology, Infection and Immunity (Pier, Lyczak, Wetzler)

SUMMARY OF THE COURSE

Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Biochemistry	2		2
Immunology	8		8
Family Medicine	1		1
Microbiology	33	20	53
Pathology	18	4	22
Pharmacology	10		10
Public Health	16	3	19
Subtotal	88	27	115
ICS-2: Research Proposal Workshop and Student Research Activity	8	9	17
ICS-2: History Taking and Introduction to Physical examination	6		6
ICS-2: Social Concept in Medicine	9		9
Elective Course-II	12		12
TFMS 201- Turkish For Medical Students-III	34		34
TFMS 201- Turkish For Medical Students-III (Interactive session for Foreign Students)	18		18
PBL MODULE	8		8
TOTAL			

		THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
1st WEEK (26 - 30 October, 2020)			
Cyprus Local Time	Turkey Local Time		
Monday		26 October	
08:40-09:30	09:40-10:30	STUDY TIME	
09:40-10:30	10:40-11:30	STUDY TIME	
10:40-11:30	11:40-12:30	STUDY TIME	
11:40-12:30	12:40-13:30	STUDY TIME	
13:40-14:30	14:40-15:30	STUDY TIME	
14:40-15:30	15:40-16:30	STUDY TIME	
15:40-16:30	16:40-17:30	STUDY TIME	
16:40-17:30	17:40-18:30	STUDY TIME	
Tuesday		27 October	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	Introduction to the course and opening lecture	Dr. Masoud Afshani*
10:00-10:50	11:00-11:50	Staphylococci and their pathogenic properties	Dr. Ufuk Hasdemir
12:00-12:50	13:00-13:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinq*
13:00-13:50	14:00-14:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinq*
14:00-14:50	15:00-15:50	Serological tests in clinical microbiology	Dr. Mehmet Burak Aksu
15:00-16:50	16:00-16:50	Serological tests in clinical microbiology	Dr. Mehmet Burak Aksu
Wednesday		28 October	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	Anaerobic gram negative bacteria and their pathogenic properties	Dr. Nurver Ülger
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	ICS-2 Research: Introduction Part of a Research Proposal	Dr. İlke Akçay*

13:00-13:50	14:00-14:50	ICS-2 Research: Literature Review	Dr. İlke Akçay*
14:00-14:50	15:00-15:50	ICS-2 Research: Determination of Research questions and hypotheses	Dr. İlke Akçay*
Thursday		29 October	
08:00-08:50	09:00-09:50	REPUBLIC DAY OF TURKEY	
09:00-09:50	10:00-10:50		
10:00-10:50	11:00-11:50		
12:00-12:50	13:00-13:50		
13:00-13:50	14:00-14:50		
14:00-14:50	15:00-15:50		
Friday		30 October	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	Definitions (pandemic, epidemic, endemic, eradication, control, elimination)	Dr. Ahmet Topuzoğlu
10:00-10:50	11:00-11:50	Definitions (incidence, prevalence, case definitions, primary and secondary attack rate)	Dr. Ahmet Topuzoğlu
12:00-12:50	13:00-13:50	ICS 2- BCS: General History Taking (adult patient)	Dr. Nevin Yılmaz*
13:00-13:50	14:00-14:50	ICS 2- BCS: General History Taking (adult patient)	Dr. Nevin Yılmaz*
14:00-14:50	15:00-15:50	Infection prevention at health care facilities and waste disposal	Dr. Ahmet Topuzoğlu
15:00-15:50	16:00-16:50	Infection prevention at health care facilities and waste disposal	Dr. Ahmet Topuzoğlu
2nd Week (02 – 06 November, 2020)			
Monday		02 November	
08:40-09:30	09:40-10:30	STUDY TIME	
09:40-10:30	10:40-11:30	STUDY TIME	
10:40-11:30	11:40-12:30	STUDY TIME	
11:40-12:30	12:40-13:30	STUDY TIME	
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*

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14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Foreign Students) Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Inst. Emine Özerinç* Dr. Cemal Gürkan* Inst. Nurtane Karagil* Inst. Deren Çeker*
16:40-17:30	17:40-18:30	Turkish For Medical Students-III (Foreign Students) Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Inst. Emine Özerinç* Dr. Cemal Gürkan* Inst. Nurtane Karagil* Inst. Deren Çeker*
Tuesday		03 November	
08:00-08:50	09:00-09:50	General History Taking (video)	Dr. Nevin Yılmaz*
09:00-09:50	10:00-10:50	Enterobacteriaceae and their pathogenic properties	Dr. Nilgün Çerikçioğlu
10:00-10:50	11:00-11:50	Enterobacteriaceae and their pathogenic properties	Dr. Nilgün Çerikçioğlu
12:00-12:50	13:00-13:50	ICS-2 Research: Determination of Material and Methods	Dr. İlke Akçay*
13:00-13:50	14:00-14:50	ICS-2 Research: Determination of Material and Methods	Dr. İlke Akçay*
14:00-14:50	15:00-15:50	ICS 2- HIM: EMU and MU Groups C-D Social Concepts	Dr. Mehmet Akman
15:00-15:50	16:00-16:50	ICS 2- HIM: EMU and MU Groups C-D Social Concepts	Dr. Mehmet Akman
16:00-16:50	17:00-17:50	ICS 2- HIM: EMU and MU Groups C-D Social Concepts	Dr. Mehmet Akman
Wednesday		04 November	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	Investigation of an epidemic	Dr. Ahmet Topuzoğlu
10:00-10:50	11:00-11:50	Investigation of an epidemic	Dr. Ahmet Topuzoğlu
12:00-12:50	13:00-13:50	PBL-1	Dr. Amber Eker* Dr. Bülent Sezgin* Dr. Halil Eren Sakallı*
13:00-13:50	14:00-14:50	PBL-1	Dr. Nevin Yılmaz* Dr. Nilüfer Güzoğlu*
14:00-14:50	15:00-15:50	Neisseria, Moraxella and their pathogenic properties	Dr. Zeynep Arzu İlki
15:00-15:50	16:00-16:50	Environmental pathology	Dr. Pelin Bağcı
16:00-16:50	17:00-17:50	Environmental pathology	Dr. Pelin Bağcı

Thursday		05 November	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	STUDY TIME	
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	STUDY TIME	
14:00-14:50	15:00-15:50	Investigation and management of outbreaks: Case examples	Dr. Ahmet Topuzoğlu
15:00-15:50	16:00-16:50	Investigation and management of outbreaks: Case examples	Dr. Ahmet Topuzoğlu
Friday		06 November	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	Mechanisms of neoplasia and tumor markers	Dr. Önder Şirikçi
10:00-10:50	11:00-11:50	Mechanisms of neoplasia and tumor markers	Dr. Önder Şirikçi
12:00-12:50	13:00-13:50	ICS-2 Research: Determination of Material and Methods	Dr. İlke Akçay*
13:00-13:50	14:00-14:50	ICS-2 Research: Determination of Material and Methods	Dr. İlke Akçay*
14:00-14:50	15:00-15:50	Orientation (dividing into small groups & explaining the task) Working in small groups (How to break chain of infection in several different cases)	Dr. Ahmet Topuzoğlu*
15:00-15:50	16:00-16:50	Group presentations & discussion (Measles, Malaria, Tetanus, Tbc, Brucellosis, Hepatitis)	Dr. Ahmet Topuzoğlu*
16:00-16:50	17:00-17:50	Evaluation	Dr. Ahmet Topuzoğlu*
3rd Week (09 – 13 November, 2020)			
Monday		09 November	
08:40-09:30	09:40-10:30	STUDY TIME	
09:40-10:30	10:40-11:30	STUDY TIME	
10:40-11:30	11:40-12:30	ICS-2 Research: Planning Data Analysis, Ethical Considerations and Limitations	Dr. İlke Akçay*

11:40-12:30	12:40-13:30	ICS-2 Research: Planning Data Analysis, Ethical Considerations and Limitations	Dr. İlke Akçay*
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	16:40-17-30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
		Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagül* Inst. Deren Çeker*
16:40-17:30	17:40-18:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
		Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagül* Inst. Deren Çeker*
Tuesday		10 November	
08:00-08:50	09:00-09:50	ATATÜRK'Ü ANMA TÖRENİ	
09:00-09:50	10:00-10:50	ICS 2- HIM: EMU and MU Groups C-D Social Concepts	Dr. Mehmet Akman
10:00-10:50	11:00-11:50	ICS 2- HIM: EMU and MU Groups C-D Social Concepts	Dr. Mehmet Akman
12:00-12:50	13:00-13:50	ICS 2- HIM: EMU and MU Groups C-D Social Concepts	Dr. Mehmet Akman
13:00-13:50	14:00-14:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
14:00-14:50	15:00-15:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
15:00-15:50	16:00-16:50	ICS-2 Research: Article Literacy	Dr. İlke Akçay*
16:00-16:50	17:00-17:50	ICS-2 Research: Article Literacy	Dr. İlke Akçay*
Wednesday		11 November	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	Pharmacotherapy in bacterial infections: penicillines	Dr. Filiz Onat
10:00-10:50	11:00-11:50	Pharmacotherapy in bacterial infections: penicillines	Dr. Filiz Onat
12:00-12:50	13:00-13:50	PBL-2	Dr. Amber Eker*

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13:00-13:50	14:00-14:50	PBL-2	Dr. Bülent Sezgin* Dr. Halil Eren Sakallı* Dr. Nevin Yılmaz* Dr. Nilüfer Güzoğlu*
14:00-14:50	15:00-15:50	Group work (asepsis, antisepsis, decontamination, washing, high level disinfection, sterilization)	Dr. Ahmet Topuzoğlu
15:00-15:50	16:00-16:50	Group presentations, summarizing as a flowchart and evaluation	Dr. Ahmet Topuzoğlu
16:00-16:50	17:00-17:50	Importance of infection prevention at health care facilities & terminology used	Dr. Ahmet Topuzoğlu
Thursday		12 November	
08:00-08:50	09:00-09:50	Definitions used in the chain of infection	Dr. Ahmet Topuzoğlu*
09:00-09:50	10:00-10:50	Inflammation, immune regulation	Dr. Tunç Akkoç
10:00-10:50	11:00-11:50	Transplantation immunology	Dr. Tunç Akkoç
12:00-12:50	13:00-13:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinq*
13:00-13:50	14:00-14:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinq*
14:00-14:50	15:00-15:50	Neoplasia: Definition and biology of tumor	Dr. Şirin Funda Eren
15:00-15:50	16:00-16:50	Neoplasia: Definition and biology of tumor	Dr. Şirin Funda Eren
Friday		13 November	
08:00-08:50	09:00-09:50	Active and passive immunization	Dr. Ahmet Topuzoğlu*
09:00-09:50	10:00-10:50	Neoplasia: Nomenclature	Dr. Şirin Funda Eren
10:00-10:50	11:00-11:50	Neoplasia: Nomenclature	Dr. Şirin Funda Eren
12:00-12:50	13:00-13:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinq*
13:00-13:50	14:00-14:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinq*
14:00-14:50	15:00-15:50	Immunity to cancers	Dr. Tunç Akkoç
15:00-15:50	16:00-16:50	Aberrations in immune responses-Hypersensitivity reactions	Dr. Tunç Akkoç
16:00-16:50	17:00-17:50	Aberrations in immune responses-Hypersensitivity reactions	Dr. Tunç Akkoç

4th Week (16 – 20 November, 2020)			
Monday		16 November	
09:00-09:50	09:00-09:50	ICS 2- HIM: Social Concepts	Dr. Mehmet Akman
10:00-10:50	10:00-10:50	ICS 2- HIM: Social Concepts	Dr. Mehmet Akman
11:00-11:50	12:00-12:50	ICS 2- HIM: Social Concepts	Dr. Mehmet Akman
12:00-12:50	13:00-15:50	ICS 2-BCS: History taking practice	Dr. Nilüfer Güzoğlu*
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
		Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Inst. Deren Çeker*
		Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
16:40-17:30	17:40-18:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Inst. Deren Çeker*
Tuesday		17 November	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	ICS 2-BCS: History taking practice	Dr. Nilüfer Güzoğlu*
10:00-10:50	11:00-11:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
12:00-12:50	13:00-13:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
13:00-13:50	14:00-14:50	ICS 2-BCS: History taking practice	Dr. Nevin Yılmaz* Dr. Nilüfer Güzoğlu* Dr. Amber Eker* Dr. Bülent Sezgin* Dr. Halil Eren Sakallı*
14:00-14:50	15:00-15:50	ICS 2-BCS: History taking practice	Dr. Nevin Yılmaz* Dr. Nilüfer Güzoğlu* Dr. Amber Eker* Dr. Bülent Sezgin* Dr. Halil Eren Sakallı*

Wednesday		18 November	
08:00-08:50	09:00-09:50	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
09:00-09:50	10:00-10:50	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
10:00-10:50	11:00-11:50	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	PBL-3	Dr. Amber Eker* Dr. Bülent Sezgin* Dr. Halil Eren Sakallı*
14:00-14:50	15:00-15:50	PBL-3	Dr. Nevin Yılmaz* Dr. Nilüfer Güzoğlu*
Thursday		19 November	
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	Neoplasia: Epidemiology and etiopathogenesis	Dr. Handan Kaya
10:00-10:50	11:00-11:50	Neoplasia: Epidemiology and etiopathogenesis	Dr. Handan Kaya
12:00-12:50	13:00-13:50	Autopsy	Dr. Hüseyin Kemal Türköz *
13:00-13:50	14:00-14:50	Tumors and tumor like lesions	Dr. Hüseyin Kemal Türköz *
14:00-14:50	15:00-15:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
15:00-15:50	16:00-16:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
Friday		20 November	
08:00-08:50	09:00-09:50	Tolerance and autoimmunity	Dr. Tunç Akkoç
09:00-09:50	10:00-10:50	Anaerobic gram negative bacteria and their pathogenic properties	Dr. Nurver Ülger
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
13:00-13:50	14:00-14:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
14:00-14:50	15:00-15:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
15:00-15:50	16:00-16:50	STUDY TIME	

5th Week (23 – 27 November, 2020)			
Monday	23 November		
09:00-09:50	09:00-09:50	STUDY TIME	
10:00-10:50	10:00-10:50	STUDY TIME	
11:00-11:50	11:00-11:50	STUDY TIME	
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
		Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagül* Inst. Deren Çeker*
16:40-17:30	17:40-18:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
		Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagül* Inst. Deren Çeker*
Tuesday	24 November		
08:00-08:50	09:00-09:50	Infectious diseases-Morphologic patterns of injury-1	Dr. İpek Erbarut
09:00-09:50	10:00-10:50	Nonfermentative bacteria and their pathogenic properties	Dr. Nilgün Çerikçioğlu
10:00-10:50	11:00-11:50	Aerobic gram positive bacilli and their pathogenetic properties	Dr. Nurver Ülger
12:00-12:50	13:00-13:50	Neoplasia: Tumor immunity and clinical features of tumor	Dr. Handan Kaya
13:00-13:50	14:00-14:50	Pharmacotherapy in bacterial infections: Cephalosporins	Dr. Filiz Onat
14:00-14:50	15:00-15:50	Pharmacotherapy in bacterial infections: Cephalosporins	Dr. Filiz Onat
Wednesday	25 November		
08:00-08:50	09:00-09:50	Streptococci, Enterococci and their pathogenic properties	Dr. Nurver Ülger
09:00-09:50	10:00-10:50	Medically important yeasts and their pathogenic mechanisms	Dr. Nilgün Çerikçioğlu

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10:00-10:50	11:00-11:50	Medically important yeasts and their pathogenic mechanisms	Dr. Nilgün Çerikçioğlu
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	PBL-4	Dr. Amber Eker* Dr. Bülent Sezgin* Dr. Halil Eren Sakallı* Dr. Nevin Yılmaz*
14:00-14:50	15:00-15:50	PBL-4	
Thursday	26 November		
08:00-08:50	09:00-09:50	Gram negative small nonenteric bacilli (Legionella, Francisella, Pasteurella) and their pathogenic properties	Dr. Nilgün Çerikçioğlu
09:00-09:50	10:00-10:50	Infectious diseases-Morphologic patterns of injury-2	Dr. Hüseyin Kemal Türköz
10:00-10:50	11:00-11:50	Infectious diseases-Morphologic patterns of injury-3	Dr. Hüseyin Kemal Türköz
12:00-12:50	13:00-13:50	Pharmacotherapy in bacterial infections: Macrolides	Dr. Eren Sakallı*
13:00-13:50	14:00-14:50	Spirochetes and their pathogenic properties	Dr. Ayşegül Karahasan
14:00-14:50	15:00-15:50	Rickettsia, Ehrlichia and their pathogenic properties	Dr. Ayşegül Karahasan
15:00-15:50	16:00-16:50	STUDY TIME	
Friday	27 November		
08:00-08:50	09:00-09:50	Pathogenetic mechanism of poststreptoccal diseases	Dr. Nurver Ülger
09:00-09:50	10:00-10:50	Dermatophytes and their pathogenic mechanism	Dr. Nilgün Çerikçioğlu
10:00-10:50	11:00-11:50	Molds, dimorphic fungi, P. carinii (P. jiroveci) and their pathogenic mechanisms	Dr. Nilgün Çerikçioğlu
12:00-12:50	13:00-13:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinq*
13:00-13:50	14:00-14:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinq*
14:00-14:50	15:00-15:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinq*
15:00-15:50	16:00-16:50	Tissue responses to infections	Dr. Pelin Bağcı *
6th Week (30 November – 04 December, 2020)			
Monday	30 November		

09:00-09:50	09:00-09:50	ICS-2 Research: Critics with groups	Dr. İlke Akçay*
10:00-10:50	10:00-10:50	ICS-2 Research: Critics with groups	Dr. İlke Akçay*
11:00-11:50	11:00-11:50	ICS-2 Research: Critics with groups	Dr. İlke Akçay*
13:40-14:30	14:40-15:30	STUDY TIME	
14:40-15:30	15:40-16:30	STUDY TIME	
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Inst. Deren Çeker*
16:40-17:30	17:40-18:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Inst. Deren Çeker*
Tuesday	01 December		
08:00-08:50	09:00-09:50	Streptococci, Enterococci and their pathogenic properties	Dr. Nurver Ülger
09:00-09:50	10:00-10:50	Pharmacotherapy in bacterial infections: Sulphonamides and other antibacterial drugs	Dr. Zafer Gören
10:00-10:50	11:00-11:50	Pharmacotherapy in bacterial infections: Aminoglycosides and quinolones	Dr. Zafer Gören
12:00-12:50	13:00-13:50	General principles of anticancer therapy	Dr. Eren Sakallı*
13:00-13:50	14:00-14:50	Gram negative small nonenteric bacilli (Haemophilus, Brucella, Bordetella) and their pathogenic properties	Dr. Zeynep Arzu İlki
14:00-14:50	15:00-15:50	Streptococci, Enterococci and their pathogenic properties	Dr. Nurver Ülger
Wednesday	02 December		
08:00-08:50	09:00-09:50	Microorganisms and carcinogenesis	Dr. Ayşegül Karahasan
09:00-09:50	10:00-10:50	Chlamydia, Mycoplasma and their pathogenic properties	Dr. Ayşegül Karahasan
10:00-10:50	11:00-11:50	Pharmacotherapy in bacterial infections: Broad spectrum antibiotics	Dr. Eren Sakallı*
12:00-12:50	13:00-13:50	Mycobacteria, related microorganisms (Actinomyces, Nocardia) and their pathogenic properties	Dr. Zeynep Arzu İlki

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13:00-13:50	14:00-14:50	Mycobacteria, related microorganisms (Actinomyces, Nocardia) and their pathogenic properties	Dr. Zeynep Arzu İlki
14:00-14:50	15:00-15:50	Microbiology LAB: Examination of gram positive & gram negative cocci	Dr. Z. Arzu İlki - Dr. Mümtaz Güran
15:00-15:50	16:00-16:50	Microbiology LAB: Examination of gram positive & gram negative cocci	Dr. Z. Arzu İlki - Dr. Mümtaz Güran
16:00-16:50	17:00-17:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinq*
Thursday	03 December		
08:00-08:50	09:00-09:50	Antimicrobial actions and resistance mechanisms to antimicrobials in bacteria	Dr. Ufuk Hasdemir
09:00-09:50	10:00-10:50	Principles of antimicrobial susceptibility testing	Dr. Ufuk Hasdemir
10:00-10:50	11:00-11:50	Aberrations in Immune Responses-Immunologic mechanisms of allergic diseases	Dr. Tunç Akkoç*
12:00-12:50	13:00-13:50	Collection and transport of specimen to laboratory	Dr. Zeynep Arzu İlki
13:00-13:50	14:00-14:50	General approach to the laboratory diagnosis of infectious diseases	Dr. Zeynep Arzu İlki
14:00-14:50	15:00-15:50	STUDY TIME	
15:00-15:50	16:00-16:50	STUDY TIME	
Friday	04 December		
08:00-08:50	09:00-09:50	Introduction to primary care and family medicine	Dr. Mehmet Akman
09:00-09:50	10:00-10:50	Aberrations in immune responses- Immunodeficiencies	Dr. Tunç Akkoç*
10:00-10:50	11:00-11:50	Pharmacotherapy in fungal infections	Dr. Eren Sakallı*
12:00-12:50	13:00-13:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinq*
13:00-13:50	14:00-14:50	Vaccines and antisera	Dr. Ayşegül Karahasan
14:00-14:50	15:00-15:50	Vaccines and antisera	Dr. Ayşegül Karahasan
15:00-15:50	16:00-16:50	Gram negative curved bacilli (Vibrio, Campylobacter, Helicobacter)and their pathogenic properties	Dr. Zeynep Arzu İlki
7th Week (07 – 11 December, 2020)			
Monday	07 December		
09:00-09:50	09:00-09:50	ICS-2 Research: Critics with groups	Dr. İlke Akçay*

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10:00-10:50	10:00-10:50	ICS-2 Research: Critics with groups	Dr. İlke Akçay*
11:00-11:50	11:00-11:50	ICS-2 Research: Critics with groups	Dr. İlke Akçay*
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
16:40-17:30	17:40-18:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
Tuesday	08 December		
08:00-08:50	09:00-09:50	Microbiology LAB: Serological tests	Dr. M. Burak Aksu - Dr. Mümtaz Güran
09:00-09:50	10:00-10:50	Microbiology LAB: Serological tests	Dr. M. Burak Aksu - Dr. Mümtaz Güran
10:00-10:50	11:00-11:50	Microbiology LAB: Examination of curved & nonenteric gram negative bacilli	Dr. Nurver Ülger - Dr. Mümtaz Güran
12:00-12:50	13:00-13:50	Microbiology LAB: Examination of curved & nonenteric gram negative bacilli	Dr. Nurver Ülger - Dr. Mümtaz Güran
13:00-13:50	14:00-14:50	Microbiology LAB: Examination of Mycobacteria, Actinomyces, and Nocardia	Dr. Z. Arzu İlki - Dr. Mümtaz Güran
14:00-14:50	15:00-15:50	Microbiology LAB: Examination of Mycobacteria, Actinomyces, and Nocardia	Dr. Z. Arzu İlki - Dr. Mümtaz Güran
15:00-15:50	16:00-16:50	Microbiology LAB: Examination of gram positive & gram negative cocci	Dr. Z. Arzu İlki - Dr. Mümtaz Güran
16:00-16:50	17:00-17:50	Microbiology LAB: Examination of gram positive & gram negative cocci	Dr. Z. Arzu İlki - Dr. Mümtaz Güran
Wednesday	09 December		
08:00-08:50	09:00-09:50	Microbiology LAB: Examination of spore forming & non-spore forming bacilli	Dr. Nurver Ülger - Dr. Mümtaz Güran
09:00-09:50	10:00-10:50	Microbiology LAB: Examination of spore forming & non-spore forming bacilli	Dr. Nurver Ülger - Dr. Mümtaz Güran
10:00-10:50	11:00-11:50	Microbiology LAB: Examination of yeast & molds	Dr. Nilgün Çerikçioğlu - Dr. Mümtaz Güran
12:00-12:50	13:00-13:50	Microbiology LAB: Examination of yeast & molds	Dr. Nilgün Çerikçioğlu - Dr. Mümtaz Güran
13:00-13:50	14:00-14:50	Microbiology LAB: Antimicrobial susceptibility testing	Dr. Ufuk Hasdemir - Dr. Mümtaz Güran

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14:00-14:50	15:00-15:50	Microbiology LAB:Antimicrobial susceptibility testing	Dr. Ufuk Hasdemir - Dr. Mümtaz Güran
15:00-15:50	16:00-16:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
Thursday	10 December		
08:00-08:50	09:00-09:50	Public Health LAB: Infection Prevention: Field Study	Dr. Ahmet Topuzoğlu
09:00-09:50	10:00-10:50	Public Health LAB: Infection Prevention: Field Study	Dr. Ahmet Topuzoğlu
10:00-10:50	11:00-11:50	Public Health LAB: Infection Prevention: Field Study	Dr. Ahmet Topuzoğlu
12:00-12:50	13:00-13:50	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli	Dr. Nilgün Çerikçioğlu - Dr. Mümtaz Güran
13:00-13:50	14:00-14:50	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli	Dr. Nilgün Çerikçioğlu - Dr. Mümtaz Güran
14:00-14:50	15:00-15:50	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli	Dr. Nilgün Çerikçioğlu - Dr. Mümtaz Güran
15:00-15:50	16:00-16:50	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli	Dr. Nilgün Çerikçioğlu - Dr. Mümtaz Güran
Friday	11 December		
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	Pathology LAB:Anatomical/ Structural Abnormalities of Organs/Tissues and Mass Lesions	Dr. Deniz Filinte
10:00-10:50	11:00-11:50	Pathology LAB:Pathology of infectious diseases	Dr. Deniz Filinte
12:00-12:50	13:00-13:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
13:00-13:50	14:00-14:50	Pathology LAB:Pathologic evaluation of neoplastic lesions	Dr. Hüseyin Kemal Türköz
14:00-14:50	15:00-15:50	Pathology LAB:Pathologic evaluation of neoplastic lesions	Dr. Hüseyin Kemal Türköz
15:00-15:50	16:00-16:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
16:00-16:50	17:00-17:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
8th Week (14 – 18 December, 2020)			
Monday	14 December		
09:00-09:50	09:00-09:50	STUDY TIME	

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10:00-10:50	10:00-10:50	STUDY TIME	
11:00-11:50	11:00-11:50	STUDY TIME	
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
		Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagül* Inst. Deren Çeker*
		Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
16:40-17:30	17:40-18:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagül* Inst. Deren Çeker*
Tuesday	15 December		
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	STUDY TIME	
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	STUDY TIME	
14:00-14:50	15:00-15:50	STUDY TIME	
Wednesday	16 December		
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	STUDY TIME	
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	STUDY TIME	
14:00-14:50	15:00-15:50	STUDY TIME	
Thursday	17 December		
08:00-08:50	09:00-09:50	STUDY TIME	

09:00-09:50	10:00-10:50	STUDY TIME	
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	STUDY TIME	
14:00-14:50	15:00-15:50	STUDY TIME	
15:00-15:50	16:00-16:50	STUDY TIME	
Friday	18 December		
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	STUDY TIME	
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	STUDY TIME	
14:00-14:50	15:00-15:50	STUDY TIME	
15:00-15:50	16:00-16:50	STUDY TIME	
9th Week (21 – 25 December, 2020)			
Monday	21 December		
09:00-09:50	09:00-09:50	STUDY TIME	
10:00-10:50	10:00-10:50	STUDY TIME	
11:00-11:50	11:00-11:50	STUDY TIME	
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
16:40-17:30	17:40-18:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
Tuesday	22 December		
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	STUDY TIME	

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10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	STUDY TIME	
14:00-14:50	15:00-15:50	STUDY TIME	
Wednesday	23 December		
08:00-08:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	STUDY TIME	
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	STUDY TIME	
14:00-14:50	15:00-15:50	STUDY TIME	
Thursday	24 December		
08:00-08:50	09:00-09:50	Y2C2 THEORETICAL EXAM Starts at 10am (Cyprus time)	
09:00-09:50	10:00-10:50		
10:00-10:50	11:00-11:50		
12:00-12:50	13:00-13:50		
13:00-13:50	14:00-14:50		
14:00-14:50	15:00-15:50		
15:00-15:50	16:00-16:50		
Friday	25 December		
08:00-08:50	09:00-09:50		
09:00-09:50	10:00-10:50		
10:00-10:50	11:00-11:50		
12:00-12:50	13:00-13:50		
13:00-13:50	14:00-14:50		
14:00-14:50	15:00-15:50		

15:00-15:50	16:00-16:50		
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