



**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL**



**RESPIRATORY SYSTEM AND RELATED DISORDERS
YEAR 2 COURSE 5
April 29th – June 21st, 2019**

Year 2 Coordinators

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

| | |
|---|--|
| Module Coordinators Assoc. Prof., Özlem SARIKAYA & Inst., Berfu Çerççi ÖNGÜN | Introduction to Clinician Skills (ICS) Coordinators Assoc. Prof., Pemra ÜNALAN & Assist. Prof. Dr. Bülent SEZGIN |
| Coordinators of Clinical Skill Lab. Assoc. Prof., Pemra ÜNALAN & Assist. Prof. Dr. Bülent SEZGIN | Coordinators of ICS Res. Lab. Prof., Sibel SAKARYA & Assist. Prof., İlke Çetin Akçay |
| Coordinators of Multidiciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR & Assist. Prof., Mümtaz GÜRAN | Cooordinators of Assessment Unite Asisst. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI |
| Vice-Chief Coordinators | |
| Assessment Asisst. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI | Students' Affairs Asisst. Prof., Can ERZİK & Assist. Prof., İlke AKÇAY |
| Chief Coordinators Assoc. Prof., Hasan YANANLI & Assist. Prof., Mümtaz GÜRAN | Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN |
| Educational Consultant Assoc. 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

RESPIRATORY SYSTEM AND RELATED DISORDERS

| | |
|--|---|
| <p style="text-align: center;">AIM and LEARNING OBJECTIVES of COURSE</p> <p>Aim: At the end of this committee, second year students will gain knowledge about the development, structure and physiology of the respiratory system and pathogenesis of the disorders related to system. They will also gain knowledge about the signs and symptoms of pulmonary diseases, related risk factors, prevention, diagnosis, and principles of treatment.</p> <p>Learning Objectives: At the end of this committee, second year students will,</p> <ul style="list-style-type: none"> • review the development and histology of the respiratory system • describe the mechanism of breathing and identify the movement, solubility and transport of gas molecules • understand the factors impairing the normal function of the respiratory system and their pathological reflections on the occurrence of the disease • gain knowledge about microorganisms that affect the respiratory system and respiratory tract infections • gain knowledge about the risk groups, risk factors related to pulmonary diseases and preventive measures • gain knowledge about the major signs and symptoms of the pulmonary diseases • gain knowledge about the approach to diagnosis, and principles of treatment in pulmonary diseases • comprehend the hazards of smoking • define the pharmacotherapy of pulmonary diseases • acquire skills necessary to perform experimental applications | |
| <p style="text-align: center;">ASSESSMENT SYSTEM</p> <p>Module examination: Written exam at the end of the course and performance during the module</p> <p>Practical examination: Practical exams at the end of course</p> <p>Course examination: Written exam at the end of course</p> | <p style="text-align: center;">PROGRAM EVALUATION</p> <p>Evaluation at the end of the course, is done both orally and by using structured evaluation forms</p> |
| <p style="text-align: center;">DEPARTMENTS PARTICIPATING IN COURSE-2.5</p> | |
| <ul style="list-style-type: none"> • Anatomy • Biochemistry • Biophysics • Family Medicine • Histology and Embryology • Infectious Diseases • Medical Genetics • Microbiology | <ul style="list-style-type: none"> • Nuclear Medicine • Otorhinolaryngology • Pathology • Pediatrics • Pharmacology • Physiology • Public Health • Pulmonary Medicine • Radiology |
| <p style="text-align: center;">LECTURERS / TUTORS</p> | |
| <p>Ahmet TOPUZOĞLU, Assoc. Professor of Public Health Alper YILDIRIM, Assoc. Professor of Physiology Aymelek YALIN, Professor of Anatomy Ayşegül KARAHASAN, Professor of Microbiology Berfu Çerçi ÖNGÜN, Instructor of Anatomy Berrak YEĞEN, Professor of Physiology Berrin CEYHAN, Professor of Pulmonary Medicine Bülent SEZGİN, Assist. Prof. of Internal Medicine Cemal GÜRKAN, Instructor of Forensic Sciences Çiğdem APAYDIN KAYA, Assoc. Prof. Family Medicine Çiğdem ÇELİKEL, Professor of Pathology Dilek AKAKIN, Assoc. Professor of Histology & Embryology Duygu GENÇALP, Instructor of Medical Biochemistry Elif DAĞLI, Professor of Pediatrics</p> | <p>İlter GÜNEY, Assist. Professor of Medical Genetics İnci ALİCAN, Professor of Physiology Leyla Cinel, Professor of Pathology Masoud AFSHANI, Instructor of Histology & Embryology Mümtaz GÜRAN, Assist. Professor of Microbiology Nahide GÖKÇORA, Professor of Nuclear Medicine Nevber İSTİLLOZLU, Instructor of School of Foreign Languages and Preparatory School Nurtane KARAGİL, Instructor of Arts and Crafts Onur BUĞDAYCI, Assist. Professor of Radiology Önder ŞIRIKÇI, Professor of Medical Biochemistry Özgür KASIMAY, Assoc. Professor of Physiology Pemra ÜNALAN, Professor of Family Medicine Pınar Mega TİBER, Assist. Professor of Biophysics Sait KARAKURT, Professor of Pulmonary Medicine</p> |

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Emel ERYÜKSEL, Assoc. Professor of Pulmonary Medicine
Emine Özerinç, Instructor of Turkish Language
Eren Sakallı, Assist. Professor of Pharmacology
Güner SÖYLELİR, Professor of Microbiology
Hasan Toper, Assist. Professor of Pathology
Hülya CABADAK, Assoc. Professor of Biophysics
İlke Çetin Akçay, Assist. Professor of Biostatistics

Selçuk İNANLI, Professor of Otorhinolaryngology
Serap ÇİFÇİLİ, Assoc. Prof. Family Medicine
Şehnaz OLGUN, Assist. Professor of Pulmonary Medicine
Turgay ÇELİKEL, Professor of Pulmonary Medicine
Ümit ŞEHİRLİ, Professor of Anatomy
Volkan KORTEN, Professor of Infectious Diseases
Zafer GÖREN, Professor of Pharmacology

READING / STUDYING MATERIALS

- Medical Microbiology; Patrick R. Murray, Michael A. Pfaller, Ken S. Rosenthal.
- Jawetz, Melnick, and Adelberg's Medical Microbiology (Lange Basic Science).
- <http://www.meddean.luc.edu/lumen/meded/medicine/Allergy/Asthma/asthtoc.html>
- <http://www.nlm.nih.gov/medlineplus/asthma.html>
- Medical Physics physiological measurement BH Broson and RH Smallerod Scientific Americans 205(1) 56-64.
- Nettler CIBA collection vol 6 section VIII.
- Physics for the Health Sciences. Nave and B. Nave.
- Principles of Physical Chemistry with Applications to the Biological Sciences, D. Freifelder.
- Physics with Illustrative Examples from Medicine and Biology Benedek and Villars.
- Physics, Health and the Human Body Gustafson
- Biochemistry, L. Stryer
- Guyton & Hall, Textbook of Medical Physiology
- GINA (Global Initiative for Asthma).
- Kumar V, Abbas AK, Fausto N, Aster (Eds.): Robbins & Cotran Pathologic basis of disease, 8th Ed.

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| Discipline | Lecture & Group Discussion | Multidisciplinary Lab. & Clinical Skills Lab. Practice | Total |
|---|----------------------------|--|------------|
| Anatomy | 12 | 7 | 19 |
| Biochemistry | 2 | | 2 |
| Biophysics | 6 | | 6 |
| Family Medicine | 3 | | 3 |
| Histology & Embryology | 5 | 1 | 6 |
| Infectious Diseases | 4 | | 4 |
| Medical Genetics | 2 | | 2 |
| Microbiology | 5 | 2 | 7 |
| Nuclear Medicine | 1 | | 1 |
| Otorhinolaryngology | 3 | | 3 |
| Pathology | 14 | 4 | 18 |
| Pediatrics | 4 | | 4 |
| Pharmacology | 7 | | 7 |
| Physiology | 9 | 5 | 14 |
| Public Health | 4 | | 4 |
| Pulmonary Medicine | 25 | | 25 |
| Radiology | 2 | | 2 |
| Subtotal | 108 | 19 | 127 |
| PBL Module | 6 | | 6 |
| ICS-2 Comp & SRA: Poster Preparation and Report Writing | 4 | 4 | 8 |
| ICS-2: Respiratory System Physical Examination | 4 | 4 | 8 |
| Turkish For Medical Students-III (Foreign Students) | 19 | | 19 |
| Turkish For Medical Students-III (Interactive session for Foreign Students) | 6 | | 6 |
| Elective Course-II MDCN181 MDCN182 MDCN186 MDCB187 | 8 | | 8 |
| TOTAL | 155 | 27 | 182 |

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| | THEORETICAL AND PRACTICAL SESSIONS | LECTURER/TUTOR |
|---|--|------------------------|
| 1st WEEK (07 May – 11 May, 2018) | | |
| Monday | 29 April | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | Introduction to the course of Breath and Respiration in Medicine | Dr. Masoud Afshani |
| 10:40-11:30 | Buffer systems | Dr. Önder Şirikçi |
| 11:40-12:30 | Buffer systems | Dr. Önder Şirikçi |
| | | |
| 13:40-14:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 14:40-15:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 15:40-16:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| | Elective Course-II (Turkish Students) | |
| | MDCN181 Forensic Sciences | Dr. Cemal Gürkan |
| | MDCN182 Art & Craft for Medicine Students | Inst. Nurtane Karagil |
| | MDCN186 Modern Indian Dance | Inst. Hande Tuğcan |
| 16:40-17:30 | MDCN187 Aerial Fitness and High Intensity Interval Training | Inst. Yasemin Kurtoğlu |
| | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| | Elective Course-II (Turkish Students) | |
| | MDCN181 Forensic Sciences | Dr. Cemal Gürkan |
| | MDCN182 Art & Craft for Medicine Students | Inst. Nurtane Karagil |
| | MDCN186 Modern Indian Dance | Inst. Hande Tuğcan |
| | MDCN187 Aerial Fitness and High Intensity Interval Training | Inst. Yasemin Kurtoğlu |
| | | |
| Tuesday | 30 April | |
| 08:40-09:30 | ICS-2 Comp & SRA: Poster Preparation and Report Writing | Dr. İlke Çetin Akçay |
| 09:40-10:30 | ICS-2 Comp & SRA: Poster Preparation and Report Writing | Dr. İlke Çetin Akçay |
| 10:40-11:30 | ICS-2 Comp & SRA: Poster Preparation and Report Writing | Dr. İlke Çetin Akçay |
| 11:40-12:30 | ICS-2 Comp & SRA: Poster Preparation and Report Writing | Dr. İlke Çetin Akçay |
| | | |
| 13:40-14:30 | ICS-2 Comp & SRA: Poster Preparation and Report Writing | Dr. İlke Çetin Akçay |
| 13:40-14:30 | ICS-2 Comp & SRA: Poster Preparation and Report Writing | Dr. İlke Çetin Akçay |
| 13:40-14:30 | ICS-2 Comp & SRA: Poster Preparation and Report Writing | Dr. İlke Çetin Akçay |
| 13:40-14:30 | ICS-2 Comp & SRA: Poster Preparation and Report Writing | Dr. İlke Çetin Akçay |
| | | |
| Wednesday | 01 May | |
| 08:40-09:30 | LABOUR DAY | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
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| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |

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|---------------------------------------|---|------------------------|
| 16:40-17:30 | | |
| | | |
| Thursday | 02 May | |
| 08:40-09:30 | MaSCo 2019 | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
| | | |
| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |
| | | |
| Friday | 03 May | |
| 08:40-09:30 | MaSCo 2019 | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
| | | |
| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |
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| 2nd Week (14 May-18 May, 2018) | | |
| Monday | 06 May | |
| 08:40-09:30 | | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
| | | |
| 13:40-14:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 14:40-15:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 15:40-16:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| | Elective Course-II (Turkish Students) | |
| | MDCN181 Forensic Sciences | Dr. Cemal Gürkan |
| | MDCN182 Art & Craft for Medicine Students | Inst. Nurtane Karagil |
| | MDCN186 Modern Indian Dance | Inst. Hande Tuğcan |
| 16:40-17:30 | MDCN187 Aerial Fitness and High Intensity Interval Training | Inst. Yasemin Kurtoğlu |
| | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| | Elective Course-II (Turkish Students) | Dr. Cemal Gürkan |
| | MDCN181 Forensic Sciences | Inst. Nurtane Karagil |
| | MDCN182 Art & Craft for Medicine Students | Inst. Hande Tuğcan |
| | MDCN186 Modern Indian Dance | Inst. Yasemin Kurtoğlu |

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| | MDCN187 Aerial Fitness and High Intensity Interval Training | |
| | | |
| Tuesday | 07 May | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | Alveolar ventilation | Dr. Berrak Yegen |
| 10:40-11:30 | Alveolar ventilation | Dr. Berrak Yegen |
| 11:40-12:30 | Parameters of gas exchange in lungs and lung imaging | Dr. Hülya Cabadak |
| | | |
| 13:40-14:30 | Turkish For Medical Students-III (Interactive Session) | Inst. Emine Özerinç |
| 14:40-15:30 | Turkish For Medical Students-III (Interactive Session) | Inst. Emine Özerinç |
| 15:40-16:30 | Turkish For Medical Students-III (Interactive Session) | Inst. Emine Özerinç |
| 16:40-17:30 | Turkish For Medical Students-III (Interactive Session) | Inst. Emine Özerinç |
| | | |
| Wednesday | 08 May | |
| 08:40-09:30 | The nose, associated structures and paranasal sinuses | Dr. Ümit Süleyman Şehirli |
| 09:40-10:30 | The nose, associated structures and paranasal sinuses | Dr. Ümit Süleyman Şehirli |
| 10:40-11:30 | Transport of blood gases | Dr. Berrak Yegen |
| 11:40-12:30 | Transport of blood gases | Dr. Berrak Yegen |
| | | |
| 13:40-14:30 | The pharynx | Dr. Ümit Süleyman Şehirli |
| 14:40-15:30 | The larynx | Dr. Ümit Süleyman Şehirli |
| 15:40-16:30 | Anatomy LAB: The nose, associated structures and paranasal sinuses | Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün |
| 16:40-17:30 | Anatomy LAB: The nose, associated structures and paranasal sinuses | Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün |
| | | |
| Thursday | 09 May | |
| 08:40-09:30 | The larynx | Dr. Ural Verimli |
| 09:40-10:30 | The diaphragm | Dr. Ural Verimli |
| 10:40-11:30 | Anatomy LAB: The pharynx | Dr. Ural Verimli, Dr. Berfu Çerçi Öngün |
| 11:40-12:30 | Anatomy LAB: The pharynx | Dr. Ural Verimli, Dr. Berfu Çerçi Öngün |
| | | |
| 13:40-14:30 | The respiratory system: conducting airways | Dr. Dilek Akakin |
| 14:40-15:30 | The respiratory system: respiratory airways | Dr. Dilek Akakin |
| 15:40-16:30 | The respiratory system: respiratory airways | Dr. Dilek Akakin |
| 16:40-17:30 | STUDY TIME | |
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| Friday | 10 May | |
| 08:40-09:30 | Anatomy LAB: The larynx | Dr. Ural Verimli, Dr. Berfu Çerçi Öngün |
| 09:40-10:30 | Anatomy LAB: The larynx | Dr. Ural Verimli, Dr. Berfu Çerçi Öngün |
| 10:40-11:30 | Anatomy LAB: The diaphragm | Dr. Ural Verimli, Dr. Berfu Çerçi Öngün |
| 11:40-12:30 | Anatomy LAB: The diaphragm | Dr. Ural Verimli, Dr. Berfu Çerçi Öngün |
| | | |
| 13:40-14:30 | Development of the respiratory system | Dr. Dilek Akakın |
| 14:40-15:30 | Development of the respiratory system | Dr. Dilek Akakın |
| 15:40-16:30 | Histology LAB: The respiratory system Group A | Dr. Dilek Akakın, Dr. Masoud Afshani |
| 16:40-17:30 | Histology LAB: The respiratory system Group B | Dr. Dilek Akakın, Dr. Masoud Afshani |
| | | |
| 3rd Week (21May-25 May, 2018) | | |
| Monday | 13 May | |
| 08:40-09:30 | 2nd RESEARCH PRESENTATION AND CAREER DAY (Rauf Raif Denktaş Culture and Congress Centre) | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
| | | |
| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |
| | | |
| Tuesday | 14 May | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | Introduction to autonomic nervous system pharmacology | Dr. Zafer Gören |
| 10:40-11:30 | Agents affecting sympathetic nervous system | Dr. Zafer Gören |
| 11:40-12:30 | Agents affecting parasympathetic nervous system | Dr. Zafer Gören |
| | | |
| 13:40-14:30 | Influenza and common cold | Dr. Güner Söyledir |
| 14:40-15:30 | Microbiological approach to respiratory tract infections | Dr. Güner Söyledir |
| 15:40-16:30 | Turkish For Medical Students-III (Interactive Session) | Inst. Emine Özerinç |
| 16:40-17:30 | Turkish For Medical Students-III (Interactive Session) | Inst. Emine Özerinç |
| | | |
| Wednesday | 15 May | |
| 08:40-09:30 | The trachea and the lungs | Dr. Aymelek Yalın |
| 09:40-10:30 | The trachea and the lungs | Dr. Aymelek Yalın |

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| 10:40-11:30 | The thoracic wall | Dr. Aymelek Yalın |
| 11:40-12:30 | The thoracic wall | Dr. Aymelek Yalın |
| | | |
| 13:40-14:30 | Anatomy LAB: The trachea and the lungs | Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün |
| 14:40-15:30 | Anatomy LAB: The trachea and the lungs | Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün |
| 15:40-16:30 | Anatomy LAB: The mediastinum | Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün |
| 16:40-17:30 | Anatomy LAB: The mediastinum | Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün |
| | | |
| Thursday | 16 May | |
| 08:40-09:30 | The mediastinum | Dr. Aymelek Yalın |
| 09:40-10:30 | The mediastinum | Dr. Aymelek Yalın |
| 10:40-11:30 | Anatomy LAB: The thoracic wall | Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün |
| 11:40-12:30 | Anatomy LAB: The thoracic wall | Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün |
| | | |
| 13:40-14:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 14:40-15:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 15:40-16:30 | Ventilation - perfusion scintigraphy | Dr. Nahide Gökçora |
| 16:40-17:30 | STUDY TIME | |
| | | |
| Friday | 17 May | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | Upper respiratory tract infections | Dr. Ayşegül Karahasan |
| 10:40-11:30 | Microbiology LAB: Lab diagnosis of respiratory tract infections | Dr. Ayşegül Karahasan, Dr. Mümtaz Güran |
| 11:40-12:30 | Microbiology LAB: Lab diagnosis of respiratory tract infections | Dr. Ayşegül Karahasan, Dr. Mümtaz Güran |
| | | |
| 13:40-14:30 | Signs and symptoms in pulmonary diseases | Dr. Şehnaz Olgun Yıldızeli |
| 14:40-15:30 | Signs and symptoms in pulmonary diseases | Dr. Şehnaz Olgun Yıldızeli |
| 15:40-16:30 | Principles of physical examination and signs in pulmonary diseases | Dr. Şehnaz Olgun Yıldızeli |
| 16:40-17:30 | Principles of physical examination and signs in pulmonary diseases | Dr. Şehnaz Olgun Yıldızeli |
| | | |
| 4th Week (28 May–01 June, 2018) | | |
| Monday | 20 May | |
| 08:40-09:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 09:40-10:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |

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| | | |
|--------------------|---|---|
| 10:40-11:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 11:40-12:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| | | |
| 13:40-14:30 | STUDY TIME | |
| 14:40-15:30 | STUDY TIME | |
| 15:40-16:30 | Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training | Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu |
| 16:40-17:30 | Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training | Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu |
| | | |
| Tuesday | 21 May | |
| 08:40-09:30 | Epidemiology of airborne diseases | Dr. Ahmet Topuzoğlu |
| 09:40-10:30 | Environmental and occupational causes of lung diseases | Dr. Ahmet Topuzoğlu |
| 10:40-11:30 | Air pollution and its adverse effects on health | Dr. Ahmet Topuzoğlu |
| 11:40-12:30 | Control of tuberculosis in primary care | Dr. Ahmet Topuzoğlu |
| | | |
| 13:40-14:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 14:40-15:30 | Buffering function of the lungs | Dr. Alper Yıldırım |
| 15:40-16:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 16:40-17:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| | | |
| Wednesday | 22 May | |
| 08:40-09:30 | The ideal gas law, gas mixtures | Dr. Pınar Mega Tiber |
| 09:40-10:30 | The ideal gas law, gas mixtures | Dr. Pınar Mega Tiber |
| 10:40-11:30 | Effects of increased lung pressure | Dr. Pınar Mega Tiber |
| 11:40-12:30 | Physiology of deep sea diving, aviation, space and high altitude | Dr. Yaşar İnci Alican |
| | | |
| 13:40-14:30 | Regulation of respiration | Dr. Yaşar İnci Alican |
| 14:40-15:30 | Regulation of respiration | Dr. Yaşar İnci Alican |
| 15:40-16:30 | Radiological examination of the chest | Dr. Onur Buğdaycı |
| 16:40-17:30 | Radiological examination of the chest | Dr. Onur Buğdaycı |
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| Thursday | 23 May | |
| 08:40-09:30 | Diffusion of gases | Dr. Özgür Kasımay Çakır |
| 09:40-10:30 | Physiology LAB: Pulmonary function 1 & 2 | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
| 10:40-11:30 | Biophysics of ventilation | Dr. Pınar Mega Tiber |
| 11:40-12:30 | Principles of gas exchange | Dr. Pınar Mega Tiber |

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| 13:40-14:30 | Rational use of antibiotics in respiratory diseases | Dr. Volkan Korten |
| 14:40-15:30 | Lower respiratory tract infections | Dr. Volkan Korten |
| 15:40-16:30 | Pneumonia | Dr. Volkan Korten |
| 16:40-17:30 | Pneumonia | Dr. Volkan Korten |
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| Friday | 24 May | |
| 08:40-09:30 | Physiology LAB: Pulmonary function 1 & 2 | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
| 09:40-10:30 | Physiology LAB: Pulmonary function 1 & 2 | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
| 10:40-11:30 | Physiology LAB: Pulmonary function 1 & 2 | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
| 11:40-12:30 | Physiology LAB: Pulmonary function 1 & 2 | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
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| 13:40-14:30 | Rational pharmacotherapy in respiratory tract infections and cough | Dr. Eren Sakallı |
| 14:40-15:30 | Diseases of upper airways | Dr. Zeliha Leyla Cinel |
| 15:40-16:30 | Diseases of upper airways | Dr. Zeliha Leyla Cinel |
| 16:40-17:30 | STUDY TIME | |
| | | |
| 5th Week (04 June – 08 June, 2018) | | |
| Monday | 27 May | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | Otitis media and complications | Dr. Ali C. Yumuşakhuylu |
| 10:40-11:30 | Paranasal sinus diseases | Dr. Ali C. Yumuşakhuylu |
| 11:40-12:30 | Larynx and oropharyngeal diseases | Dr. Ali C. Yumuşakhuylu |
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| 13:40-14:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 14:40-15:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| 15:40-16:30 | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| | Elective Course-II (Turkish Students) | |
| | MDCN181 Forensic Sciences | Dr. Cemal Gürkan |
| | MDCN182 Art & Craft for Medicine Students | Inst. Nurtane Karagil |
| | MDCN186 Modern Indian Dance | Inst. Hande Tuğcan |
| 16:40-17:30 | MDCN187 Aerial Fitness and High Intensity Interval Training | Inst. Yasemin Kurtoğlu |
| | Turkish For Medical Students-III (Foreign Students) | Inst. Emine Özerinç |
| | Elective Course-II (Turkish Students) | |
| | MDCN181 Forensic Sciences | Dr. Cemal Gürkan |
| | MDCN182 Art & Craft for Medicine Students | Inst. Nurtane Karagil |
| | MDCN186 Modern Indian Dance | Inst. Hande Tuğcan |
| | MDCN187 Aerial Fitness and High Intensity Interval Training | Inst. Yasemin Kurtoğlu |
| | | |
| Tuesday | 28 May | |
| 08:40-09:30 | Pulmonary Tuberculosis | Dr. Emel Eryüksel |

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| 09:40-10:30 | Pulmonary Tuberculosis | Dr. Emel Eryüksel |
| 10:40-11:30 | Occupational asthma | Dr. Emel Eryüksel |
| 11:40-12:30 | Diseases of mediastinum and diaphragm | Dr. Emel Eryüksel |
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| 13:40-14:30 | Arterial blood gas analysis | Dr. Emel Eryüksel |
| 14:40-15:30 | Restrictive lung diseases | Dr. Emel Eryüksel |
| 15:40-16:30 | Sarcoidosis | Dr. Emel Eryüksel |
| 16:40-17:30 | STUDY TIME | |
| | | |
| Wednesday | 29 May | |
| 08:40-09:30 | Oxygen and nebulization therapy; mechanical ventilation | Dr. Sait Karakurt |
| 09:40-10:30 | A patient with cough and fever | Dr. Sait Karakurt |
| 10:40-11:30 | Sleep apnea syndrome | Dr. Sait Karakurt |
| 11:40-12:30 | Clinical applications of pulmonary function tests | Dr. Sait Karakurt |
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| 13:40-14:30 | Clinical applications of pulmonary function tests | Dr. Sait Karakurt |
| 14:40-15:30 | Spirometry workshop | Dr. Sait Karakurt |
| 15:40-16:30 | Pleural diseases | Dr. Sait Karakurt |
| 16:40-17:30 | Viral and fungal diseases of the lung | Dr. Emine Bozkurtlar |
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| Thursday | 30 May | |
| 08:40-09:30 | Pulmonary Tuberculosis | Dr. Emine Bozkurtlar |
| 09:40-10:30 | Pulmonary Tuberculosis | Dr. Emine Bozkurtlar |
| 10:40-11:30 | Bacterial pneumonias and lung abscess | Dr. Emine Bozkurtlar |
| 11:40-12:30 | Tumors of pleura and mediastinum | Dr. Emine Bozkurtlar |
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| 13:40-14:30 | Neoplastic diseases of the lung | Dr. Emine Bozkurtlar |
| 14:40-15:30 | Neoplastic diseases of the lung | Dr. Emine Bozkurtlar |
| 15:40-16:30 | Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I | Dr. Emine Bozkurtlar |
| 16:40-17:30 | Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I | Dr. Emine Bozkurtlar |
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| Friday | 31 May | |
| 08:40-09:30 | Y1C4 THEORETICAL EXAM | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
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| 13:40-14:30 | Genetics of pulmonary disorders | Dr. Ahmet İlter Güney |
| 14:40-15:30 | Molecular mechanisms in lung cancer | Dr. Ahmet İlter Güney |

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| 15:40-16:30 | Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum | Dr. Emine Bozkurtlar |
| 16:40-17:30 | Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum | Dr. Emine Bozkurtlar |
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| 6th Week (11 June - 15 June, 2018) | | |
| Monday | 03 June | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | STUDY TIME | |
| 10:40-11:30 | STUDY TIME | |
| 11:40-12:30 | STUDY TIME | |
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| 13:40-14:30 | EID-AL FITR EVE | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |
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| Tuesday | 04 June | |
| 08:40-09:30 | EID-AL FITR HOLIDAY | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
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| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |
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| Wednesday | 05 June | |
| 08:40-09:30 | EID-AL FITR HOLIDAY | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
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| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |
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| Thursday | 06 June | |
| 08:40-09:30 | EID-AL FITR HOLIDAY | |

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| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
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| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |
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| Friday | 07 June | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | STUDY TIME | |
| 10:40-11:30 | STUDY TIME | |
| 11:40-12:30 | STUDY TIME | |
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| 13:40-14:30 | STUDY TIME | |
| 14:40-15:30 | STUDY TIME | |
| 15:40-16:30 | STUDY TIME | |
| 16:40-17:30 | STUDY TIME | |
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| 7th Week (18 June – 22 June, 2017) | | |
| Monday | 10 June | |
| 08:40-09:30 | Pathology of chronic obstructive pulmonary diseases | Dr. Çiğdem Ataizi Çelikel |
| 09:40-10:30 | Pathology of chronic obstructive pulmonary diseases | Dr. Çiğdem Ataizi Çelikel |
| 10:40-11:30 | Pathology of pulmonary circulation | Dr. Çiğdem Ataizi Çelikel |
| 11:40-12:30 | Respiratory failure | Dr. Turgay Hüseyin Çelikel |
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| 13:40-14:30 | Chronic obstructive lung diseases | Dr. Turgay Hüseyin Çelikel |
| 14:40-15:30 | Chronic obstructive lung diseases | Dr. Turgay Hüseyin Çelikel |
| 15:40-16:30 | Turkish For Medical Students-III (Foreign Students) Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training | Inst. Emine Özerinç Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu |
| 16:40-17:30 | Turkish For Medical Students-III (Foreign Students) Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training | Inst. Emine Özerinç Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu |

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| | | |
| Tuesday | 11 June | |
| 08:40-09:30 | Diffuse interstitial lung diseases | Dr. Çiğdem Ataizi Çelikel |
| 09:40-10:30 | Occupational / Environmental Lung Diseases | Dr. Çiğdem Ataizi Çelikel |
| 10:40-11:30 | Pulmonary thromboembolism | Dr. Turgay Hüseyin Çelikel |
| 11:40-12:30 | Lung cancer | Dr. Turgay Hüseyin Çelikel |
| | | |
| 13:40-14:30 | Case (RESPIRATORY DISEASES) | Dr. Turgay Hüseyin Çelikel |
| 14:40-15:30 | Respiratory infections due to mycobacteria and related bacteria | Dr. Ufuk Hasdemir |
| 15:40-16:30 | Respiratory infections due to mycobacteria and related bacteria | Dr. Ufuk Hasdemir |
| 16:40-17:30 | Approach to adult patient with persistent cough | Dr. Pemra Ünal |
| | | |
| Wednesday | 12 June | |
| 08:40-09:30 | Pharmacotherapy of obstructive lung diseases and bronchial asthma | Dr. Eren Sakallı |
| 09:40-10:30 | Pharmacotherapy of obstructive lung diseases and bronchial asthma | Dr. Eren Sakallı |
| 10:40-11:30 | PBL-Module 1 | Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp |
| 11:40-12:30 | PBL-Module 1 | Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp |
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| 13:40-14:30 | PBL-Module 1 | Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp |
| 14:40-15:30 | PBL-Module 1 | Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp |
| 15:40-16:30 | Counseling for risky behaviors and counseling in adolescents: Smoking | Dr. Saliha Serap Çifçili |
| 16:40-17:30 | Patient education in chronic diseases: asthma as an example | Dr. Saliha Serap Çifçili |
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| Thursday | 13 June | |
| 08:40-09:30 | Effects of tobacco on human health | Dr. Elif Dağlı |
| 09:40-10:30 | Childhood tuberculosis | Dr. Elif Dağlı |
| 10:40-11:30 | Bronchial hyperreactivity and asthma | Dr. Elif Dağlı |
| 11:40-12:30 | Bronchial hyperreactivity and asthma | Dr. Elif Dağlı |
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| 13:40-14:30 | PBL Study Time | |

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| 14:40-15:30 | PBL-Module 2 | Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp |
| 15:40-16:30 | PBL-Module 2 | Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp |
| 16:40-17:30 | Pharmacotherapy in tuberculosis | Dr. Eren Sakallı |
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| Friday | 14 June | |
| 08:40-09:30 | ICS-2: Respiratory System Physical Examination | Dr. Bülent Sezgin, Dr. Eren Sakallı, Dr. Didem Rıfkı, Dr. Cihan Tüccar |
| 09:40-10:30 | ICS-2: Respiratory System Physical Examination | |
| 10:40-11:30 | ICS-2: Respiratory System Physical Examination | |
| 11:40-12:30 | ICS-2: Respiratory System Physical Examination | |
| | | |
| 13:40-14:30 | ICS-2: Respiratory System Physical Examination | Dr. Bülent Sezgin, Dr. Eren Sakallı, Dr. Didem Rıfkı, Dr. Cihan Tüccar |
| 14:40-15:30 | ICS-2: Respiratory System Physical Examination | |
| 15:40-16:30 | ICS-2: Respiratory System Physical Examination | |
| 16:40-17:30 | ICS-2: Respiratory System Physical Examination | |
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| 8th Week (25 June – 29 June, 2018) | | |
| Monday | 17 June | |
| 08:40-09:30 | ANATOMY PRACTICAL EXAM | Dr. Berfu Çerçi Öngün |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
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| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |
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| Tuesday | 18 June | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | STUDY TIME | |
| 10:40-11:30 | STUDY TIME | |
| 11:40-12:30 | STUDY TIME | |
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| 13:40-14:30 | STUDY TIME | |
| 14:40-15:30 | STUDY TIME | |
| 15:40-16:30 | STUDY TIME | |
| 16:40-17:30 | STUDY TIME | |
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| Wednesday | 19 June | |

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| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | STUDY TIME | |
| 10:40-11:30 | STUDY TIME | |
| 11:40-12:30 | STUDY TIME | |
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| 13:40-14:30 | STUDY TIME | |
| 14:40-15:30 | STUDY TIME | |
| 15:40-16:30 | STUDY TIME | |
| 16:40-17:30 | STUDY TIME | |
| | | |
| Thursday | 20 June | |
| 08:40-09:30 | STUDY TIME | |
| 09:40-10:30 | STUDY TIME | |
| 10:40-11:30 | STUDY TIME | |
| 11:40-12:30 | STUDY TIME | |
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| 13:40-14:30 | STUDY TIME | |
| 14:40-15:30 | STUDY TIME | |
| 15:40-16:30 | STUDY TIME | |
| 16:40-17:30 | STUDY TIME | |
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| Friday | 21 June | |
| 08:40-09:30 | Y2C5 THEORITICAL EXAM 09:30 A.M. | |
| 09:40-10:30 | | |
| 10:40-11:30 | | |
| 11:40-12:30 | | |
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| 13:40-14:30 | | |
| 14:40-15:30 | | |
| 15:40-16:30 | | |
| 16:40-17:30 | | |