

T.C.
ATILIM UNIVERSITY FACULTY OF MEDICINE
EDUCATION IN 2020-2021 ACADEMIC YEAR
ACADEMIC CALENDAR

**** Schedule for MED101 committee was revised and re-organized due to COVID-19 pandemic. Laboratory Practices listed below will be held at 2nd Semester. ****

Laboratory Lessons:

1. Basic medical skills: Hand hygiene and personal protective equipment (2 hours, Dr. Tülek)
2. Injection techniques and applications (2 hours, Dr. Sürgit)
3. Good medical practices: Injection techniques and applications (1 hour, Dr. Sürgit)
4. Vital signs (1 hour, Dr. Sarıçam)
5. Occupational skills training: vital signs (3 hours, Dr. Soyal)
6. Basic life support (2 hours, Dr. İşcanlı)
7. Splinting (1 hour, Dr. İşcanlı)
8. Occupational skills training: applications of basic life support and splinting (4 hours, Dr. İşcanlı)
9. Orientation to MEDICANA Hospital (8 hours)

| COMMITTEE NAME | STARTING DATE | COMPLETION DATE |
|----------------|---------------|-----------------|
| MED 101 | 05.10.2020 | 30.10.2020 |
| MED 102 | 22.02.2021 | 02.04.2021 |
| MED 103 | 02.11.2020 | 18.12.2020 |
| MED 104 | 05.04.2021 | 14.05.2021 |
| MED 105 | 21.12.2020 | 15.01.2021 |
| MED 106 | 17.05.2021 | 11.06.2021 |

| COMMITTEE NAME | | | | | | |
|--|------------|---------|---------|---------|---------|---------|
| | MED 101 | MED 102 | MED 103 | MED 104 | MED 105 | MED 106 |
| ANATOMY PRACTICAL EXAM DATE | - | | | | | |
| HISTOLOGY AND EMBRYOLOGY PRACTICAL EXAM DATE | - | | | | | |
| MEDICAL BIOLOGY PRACTICAL EXAM DATE | - | | | | | |
| COMMITTEE EXAM DATE | 30.10.2020 | | | | | |

MED101 INTRODUCTION TO MEDICINE

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|--|---|-------------------------------|-----------------------------------|-------------------|
| PHASE I COORDINATOR | Prof. Dr. Veli Cengiz ÖZALP | | | |
| PHASE I VICE COORDINATOR | Asst. Prof. Dr. Nuriye Ezgi BEKTUR AYKANAT | | | |
| CHAIRMAN OF THE MED 101 COMMITTEE | Prof. Dr. Müge TECDER | | | |
| MED 101 COMMITTEE DATE RANGE | 21.09.2020 - 16.10.2020 | | | |
| ACADEMIC STAFF AT THE MED 101 COMMITTEE | <p>Prof. Dr. Nesrin ÇOBANOĞLU- Deontology Prof. Dr. Suna EMİR – Pediatric Oncology Prof. Dr. Uğur GÖNÜLLÜ- Chest Disease Prof. Dr. Nedret KILIÇ- Medical Biochemistry Prof. Dr. Veli Cengiz ÖZALP- Medical Biology Prof. Dr. Ahmet SALTİK- Public Health Prof. Dr. Önder SÜRGİT- General Surgery Prof. Dr. Müge TECDER- Medical Pharmacology Prof. Dr. Necla TÜLEK- Medical Microbiology Prof. Dr. Gamze Yurdakan- Pathology Ass. Prof. Dr. Filiz KORKMAZ- Biophysics Ass. Prof. Dr. Hale ÖKTEM- Anatomy Ass. Prof. Dr. Nuriye Ezgi BEKTUR AYKANAT- Histology and Embryology Ass. Prof. Dr. Esin BODUROĞLU- Pathology Ass. Prof. Dr. Ali Doğan DURSUN- Physiology Ass. Prof. Dr. Sevil KÖSE- Medical Biology Asst. Prof. Dr. M. Doğan İŞCANLI- Emergency Medicine Asst. Prof. Dr. Övsen ÖNAY- Ear Nose and Throat Asst. Prof. Dr. Ersin SARIÇAM - Cardiology Asst. Prof. M. F. Tolga SOYAL- Cardiovascular Surgery Asst. Prof. Dr. Fatma Yerlikaya Özkurt- Biostatistics Inst. Dr. Badegül SARIKAYA- Physiology Inst. Dr. A. Selda TEKİNER- Family Medicine</p> | | | |
| ACADEMIC STAFF | THEORETICAL LECTURE TIME | PRACTICAL LECTURE TIME | INTERACTIVE EDUCATION TIME | TOTAL TIME |
| Anatomy | 1 | - | - | 1 |
| Histology and Embryology | 1 | - | - | 1 |
| Medical Microbiology | 6 | 4 | - | 10 |
| Medical Pharmacology | 3 | - | 2 | 5 |
| Medical Biochemistry | 1 | - | - | 1 |
| Medical Pathology | 3 | - | - | 3 |
| Medical Biology | 2 | - | - | 2 |
| Deontology | 9 | - | - | 9 |
| Pediatric Oncology | 1 | - | 2 | 3 |
| Biostatistics | 4 | - | - | 4 |
| Chest Diseases | 1 | - | - | 1 |

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|-------------------------------|----|---|----|----|
| General Surgery | - | - | 3 | 3 |
| Biophysics | 1 | - | - | 1 |
| Physiology | 1 | - | - | 1 |
| Emergency Medicine | 3 | - | 4 | 7 |
| Ear Nose and Throat | 2 | - | - | 2 |
| Cardiology | 1 | - | - | 1 |
| Cardiovascular Surgery | - | - | 3 | 3 |
| Public Health | 2 | - | - | 2 |
| Family Medicine | 2 | - | - | 2 |
| Health Law | 1 | - | - | 1 |
| TOTAL | 45 | 4 | 14 | 63 |

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|--------------------|---|
| Office Hour | - |
|--------------------|---|

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| CONTENT OF THE MED 101 COMMITTEE | |
| Atılım University School of Medicine; what is science; what is medicine; physician's oath; visit to Medicana Hospital clinics; professionalism in medicine; clinical ethics support services in Turkey; problem-based learning for medical ethics; basic medical skills; basic communications skills, Basic Philosophy of Medicine and Health Services. | |
| MED 101 COMMITTEE AIM | |
| To gain knowledge about physician's identity, physician-patient's roles, rights and responsibilities, medical education, history of medicine, basic ethical concepts, values and methods. Also, gaining skills for basic communication and medical practices. | |
| MED 101 COMMITTEE LEARNING OBJECTIVES | |
| 1. | Explains the concept of science and medicine. |
| 2. | Determines the philosophy of science and research. |
| 3. | Explains the history of research. |
| 4. | Lists the basic principles of science and research ethics. |
| 5. | Lists the basic principles of scientific publication ethics. |
| 6. | Describes the importance of leadership in science. |
| 7. | Describes the basic research methods. |
| 8. | Describes the steps of scientific research. |
| 9. | Investigates the research resources. |
| 10. | Explains the principles of academic writing. |
| 11. | Attends to teamwork. |
| 12. | Applies basic communication skills. |
| 13. | Performs basic medical skills. |
| 14. | Describes the diagnostic stages and techniques in pathology laboratory. |
| 15. | Defines the hand hygiene. |
| 16. | Describe how to protect him/herself from infectious agents. |

17. Defines and explain epidemics and developments of pandemics.

RECOMMENDED BOOKS

1. Basic & Clinical Pharmacology (13th Edition); Bertram G. Katzung, Anthony J. Trevor; McGraw-Hill, 2015.
2. Braddom's Physical Medicine and Rehabilitation (5th Edition); David X. Cifu MD; Elsevier, Philadelphia, 2016.
3. Gray's Anatomy for Students (3rd Edition); Richard L. Drake, A. Wayne Vogl, Adam W. M. Mitchell; Churchill Livingston Elsevier, Philadelphia, 2015.
4. Guyton and Hall Textbook of Medical Physiology (13th Edition); John E. Hall; Elsevier, Philadelphia, 2016.
5. Histology and Cell Biology: An Introduction to Pathology (4th Edition); Abraham L. Kierszenbaum, Laura L. Tres; Elsevier Saunders, Philadelphia, 2015.
6. Medical Microbiology (8th Edition); Patrick Murray, Ken Rosenthal, Michael Pfaller; Elsevier Saunders, Philadelphia, 2016.
7. Molecular and Cellular Biophysics; Meyer B. Jackson; Cambridge University Press, Cambridge, 2006.
8. Robbins Basic Pathology (10th Edition); Vinay Kumar, Abul K. Abbas, Jon C. Aster; Elsevier Saunders, Philadelphia, 2018.
9. Harper's Illustrated Biochemistry (30th Edition); Victor W. Rodwell, David Bender, Kathleen M. Botham, Peter J. Kennelly, P. Anthony Weil; McGraw-Hill, 2015.
10. Fundamentals of Biostatistics (8th Edition); Bernard Rosner; Cengage Learning, Boston, 2016.
11. Leadership: Theory and Practice (7th edition); Peter G. Northouse; SAGE Publications, 2015
12. Principles of Biomedical Ethics (7th Edition); Tom L. Beauchamp, James F. Childress; Oxford University Press, 2012
13. The Book of Why: The New Science of Cause and Effect (1st Edition); Judea Pearl, Dana Mackenzie; Harvard Health Publications, 2018
14. The Nature of Creative Development (1st Edition); Jonathan S. Feinstein; Stanford University Press, Stanford, 2006.
15. Your Creative Brain: Seven Steps to Maximize Imagination, Productivity, and Innovation in Your Life (1st Edition); Shelley
16. Cell and molecular biology (2th edition); Nalini Chandar, PhD, Susan Viselli, PhD, Lipincot Williams & Wilkins, 2019.
17. Molecular cell biology (8th edition); Harvey Lodish, W.H.Freeman & Co Ltd, 2016.
18. Molecular biology of the cell (6th edition); Bruce Alberts, W. W. Norton & Company, 2015.

OTHER RESOURCES:

1. Using Personal Protective Equipment: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/using-ppe.html>
2. Epidemic Disease Occurrence: <https://www.cdc.gov/csels/dsepd/ss1978/lesson1/section11.html>

MED 101 COMMITTEE EXAM WEEK

| DATE | EXAM NAME | EXAM HOUR | | |
|--|---|---|---|--|
| 16.10.2020 | MED 101 Committee Exam | 10:30-13:20 | | |
| Teaching Methods and Techniques | <input checked="" type="checkbox"/> Lecture | <input type="checkbox"/> Case based learning | <input checked="" type="checkbox"/> Case discussion | <input checked="" type="checkbox"/> Student presentation |
| | <input type="checkbox"/> Role playing | <input type="checkbox"/> Problem based learning | <input type="checkbox"/> Project | <input type="checkbox"/> Homework |
| | <input checked="" type="checkbox"/> Laboratory practice | <input type="checkbox"/> Team based learning | <input checked="" type="checkbox"/> Free Study | |
| Evaluation Method | Theoretical Exam (60%), Homework Assignment (40%) | | | |
| Lesson Language | English | | | |