

| COURSE INFORMATON | | | | | |
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| Course Title | Code | Semester | L+P+L Hour | Credits | ECTS |
| Rural Medicine (Clinical Internship) | MED 605 | Phase 6 / 11-12 | 240 | 10 | 10* |

* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program

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| Prerequisites | The student that joins this course, should completed Phase 1, 2, 3, 4 and 5 courses of medical faculty. |
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| Language of Instruction | English |
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| Course Level | Second Cycle including First Cycle Degree (One Tier Programme) |
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| Course Type | Compulsory |
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| Course Coordinator | Hale Arık Taşyikan, MD. Asst. Prof. of Public Health |
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| Instructors | <p>Faculty Güldal İzbirak, MD, Prof. of Medical Education Hale Arık Taşyikan, MD. Asst. Prof. of Public Health Ferudun Çelikmen, MD, Asst. Prof. of Emergency Medicine</p> <p>FAMILY HEALTH CENTERS <u>Ataşehir Region</u> Atatürk FHC: Behçet Gök, MD Eda Tezcan Aydıner, MD Kayışdağı FHC: Önder Yiğit, MD Örnek FHC: Hülya Gürsever Tosun, MD Ataşehir FHC: Çiğdem Hardal, MD Ataşehir No 6 FHC: Seray Günay, MD Ataşehir Kanuni No 2 FHC: Aysun Koç, MD</p> <p><u>Kadıköy Region</u> Kadıköy 9 no'lu FHC: Hilal Toplu, MD, Specialist</p> <p>COMMUNITY HEALTH CENTERS Ataşehir CHC: Arife Midyat, MD Kadıköy CHC: Neslihan Uyar, MD</p> <p style="text-align: center;">TUBERCULOSIS CENTERS</p> <p>Kartal TC Pendik TC Kadıköy TC Üsküdar TC</p> |
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| Assistants | - |
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| Goals | To understand the nature of the preventive, curative, and promotive health care services as part of the primary health care system of the country and learn how to manage health and disease within natural settlements of the individuals. |
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| Content | Principles of preventive and promotive medicine, healthcare delivery systems and facilities, comparison of the primary health care systems across countries, types and methods of epidemiological studies, biostatistical methods, meaning and importance of the health information systems for assessment of the public health status, social, cultural and economic determinants of health and diseases |
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| Learning Outcomes <i>At the end of this internship, the student should be able to</i> | Programme Learning Outcomes | Teaching Methods | Assessment Methods |
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| 1) Explain principles of preventive and promotive medicine | 1.1.1., 1.4.1 | 1,2,3 | A,B |
| 2) Explain health care delivery systems and facilities | 1.3.2., 1.3.3 | 1,2,3 | A,B |
| 3) Compare the primary health care system of the country with others | 1.3.1, 1.3.2, 1.3.3 | 1,2,3 | A,B |
| 4) Explain types and methods of epidemiological studies | 1.5.1 | 1,2,3 | A,B |
| 5) Explain biostatistical analysis methods | 1.5.1 | 1,2,3 | A,B |
| 6) Define meaning and importance of the health information systems for assessment of the public health status | 1.1.8, 1.1.10, 1.1.12 | 1,2,3 | A,B |
| 7) Evaluate social, cultural, and economic determinants of health and diseases | 1.4.2, 2.3.2 | 1,2,3 | A,B |
| 8) Evaluate and manage health and disease within the social and physical environmental conditions of the individuals | 1.4.2, 2.3.2 | 1,2,3 | A,B |
| 9) Organize and manage preventive and promotive health services within primary health care facilities | 1.1.1., 1.1.1, 1.1.11 | 1,2,3 | A,B |
| 10) Plan an epidemiological study under field conditions | 1.1.8, 1.1.10 | 1,2,3 | A,B |
| 11) Present a research project that critics a medical manuscript | 1.5.1 | 1,2,3 | A,B |

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| 12) Produce information and make conclusions by using the health information systems of the community | 1.1.12 | 1,2,3 | A,B |
| 13) Develop skills for delivery and management of primary health care services | 1.1.1., 1.1.2 | 1,2,3 | A,B |
| 14) Collaborate with other sectors for the success of various school health, occupational health and environmental health programs | 1.2.2., 1.2.4 | 1,2,3 | A,B |
| 15) Conduct in-service training and continuing education of the health personnel | 1.2.1, 1.2.2., 1.3.1 | 1,2,3 | A,B |
| 16) Value the meaning and importance of teamwork for public health | 1.2.2., 1.3.1 | 1,2,3 | A,B |

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| Teaching Methods: | 1: Lecture, 2: Training and gaining experience in the field, 3: Small group discussion |
| Assessment Methods: | A: Presentation of a project B: Participation to the interactive lectures |

| COURSE CONTENT | |
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| Week Topics | Study Materials |
| Study Materials | |
| Introduction to Family Medicine and Public Health | Materials will be provided by the instructor |
| Tobacco control | Materials will be provided by the instructor |
| Community-oriented Primary Care: Concepts and History | Materials will be provided by the instructor |
| Treating Tobacco Use and Dependence in Primary Care | Materials will be provided by the instructor |
| Writing a Study Proposal | Materials will be provided by the instructor |
| Chronic Disease Control in Primary Care | Materials will be provided by the instructor |
| Critical Appraisal of Manuscripts | Materials will be provided by the instructor |
| Legal Responsibilities in Primary care | Materials will be provided by the instructor |
| Disaster Preparedness and Disaster Medicine Basics | Materials will be provided by the instructor |
| Health Care Organization in Turkey | Materials will be provided by the instructor |

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| Health and Well-Being of Healthcare Providers During the COVID-19 Pandemic | Materials will be provided by the instructor |
| Death Certificate | Materials will be provided by the instructor |

| NCC 2014 – Essential Medical Procedures (National Core Curriculum) | Performance Level |
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| Examination of forensic cases | 1 |
| Crime scene investigation | 1 |
| Death examination | 3 |
| Preparing forensic report | 3 |
| Obtaining informed consent | 3 |
| Preparing death certificate | 4 |
| Preparing treatment refusal form | 3 |
| Leading immunization services | 3 |
| Preparing medical reports and notice | 3 |
| Referring patient appropriately | 3 |
| Defining and finding solution for health associated problems in community using epidemiological methods. | 3 |
| Water disinfection | 3 |
| Obtaining water sample | 3 |
| Defining and evaluating chlorine level in water | 3 |
| Organizational of emergency services | 3 |
| Providing health services under extraordinary condition | 3 |
| Fighting against communicable diseases in community | 3 |

| RECOMMENDED SOURCES | |
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| Textbook | Public Health – Basic Principles, 3 rd Edition, Çağatay Güler, Levent Akın, Hacettepe University Press |
| Additional Resources | Lecture notes |

| ASSESSMENT | | |
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| IN-TERM STUDIES | NUMBER | PERCENTAGE |
| Class Performance | 1 | 25 |
| Participation in the field work | 1 | 25 |
| Final Exam | 1 | 50 |
| Total | | 100 |
| CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE | | 50 |
| CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE | | 50 |
| Total | | 100 |

| MATERIAL SHARING | |
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| Documents | Photocopy shareable. |
| Assignments | Shareable |
| Exams | Not shareable |

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| COURSE CATEGORY | Expertise / Field Courses |
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| COURSE'S CONTRIBUTION TO PROGRAM | | | | | | |
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| | PODG.1. Basic Professional Competencies | Contribution | | | | |
| | POD.1.1. Clinical Competencies | 1 | 2 | 3 | 4 | 5 |
| PO.1.1.1. | values preventive health services, offers primary prevention (i.e. prevention of diseases for the protection of health), secondary prevention (i.e. early diagnosis and treatment) tertiary prevention (i.e. rehabilitation) and quaternary prevention (i.e. prevention of excessive and unnecessary diagnosis and treatment) services, provides consultancy on these issues. | | | | | X |
| PO.1.1.2. | employs a patient-centered approach in patient management. | | | X | | |
| PO.1.1.3. | recognizes most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions. | | | X | | |
| PO.1.1.4. | takes medical history from the applicant himself/herself or from the individual's companions. | | | X | | |
| PO.1.1.5. | does general and focused physical and mental examination. | | | X | | |
| PO.1.1.6. | interprets findings in medical history, physical and mental examination. | | | X | | |
| PO.1.1.7. | employs diagnostic procedures that are used frequently at the primary health care level. | | | | X | |
| PO.1.1.8. | selects tests that have evidence-based high efficacy at the primary health care level and interprets results. | | | | X | |
| PO.1.1.9. | makes clinical decisions using evidence-based systematic data in health care service. | | | | | X |
| PO.1.1.10. | performs medical interventional procedures that are used frequently at the primary health care level. | | | | | X |
| PO.1.1.11. | manages healthy individuals and patients in the context of health care services. | | | | | X |
| PO.1.1.12. | keeps medical records in health care provision and uses information systems to that aim. | | | | | X |
| | POD.1.2. Competencies related to Communication | | | | | |
| PO.1.2.1. | throughout his/her career, communicates effectively with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals, organizations and institutions. | | | | | X |
| PO.1.2.2. | collaborates as a team member with related organizations and institutions, with other professionals and health care workers, on issues related to health. | | | | | X |
| PO.1.2.3. | recognizes the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors. | | | | | X |

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| PO.1.2.4. | communicates with all stakeholders taking into consideration the socio-cultural diversity. | | | | | X |
| | POD.1.3. Competencies Related to Leadership and Management | | | | | |
| PO.1.3.1. | manages and leads within the health care team in primary health care organization. | | | | X | |
| PO.1.3.2. | recognizes the principles of health management and health sector economy, models of organization and financing of health care services. | | | | | X |
| PO.1.3.3. | recognizes the resources in the health care service, the principles for cost-effective use. | | | | | X |
| | POD.1.4. Competencies related to Health Advocacy | | | | | |
| PO.1.4.1. | recognizes the health status of the individual and the community and the factors affecting the health, implements the necessary measures to prevent effects of these factors on the health. | | | | | X |
| PO.1.4.2. | recognizes and manages the health determinants including conditions that prevent access to health care. | | | | | X |
| | POD.1.5. Competencies related to Research | | | | | |
| PO.1.5.1. | develops, prepares and presents research projects | | | | | X |
| | POD.1.6. Competencies related to Health Education and Counseling | | | | | |
| PO.1.6.1. | provides consultancy services and organizes health education for the community to sustain and promote the health of individual and community. | | | | X | |
| | PODG.2. Professional Values and Perspectives | | | | | |
| | POD.2.1. Competencies related to Law and Legal Regulations | | | | | |
| PO.2.1.1. | performs medical practices in accordance with the legal framework which regulates the primary health care service. | | | | X | |
| | POD.2.2. Competencies Related to Ethical Aspects of Medicine | | | | | |
| PO.2.2.1. | recognizes basic ethical principles completely, and distinguishes ethical and legal problems. | | | | | X |
| PO.2.2.2. | pays importance to the rights of patient, patient's relatives and physicians, and provides services in this context. | | | | | X |
| | POD.2.3. Competencies Related to Social and Behavioral Sciences | | | | | |
| PO.2.3.1. | relates historical, anthropological and philosophical evolution of medicine, with the current medical practice. | | | | X | |
| PO.2.3.2. | recognizes the individual's behavior and attitudes and factors that determine the social dynamics of the community. | | | | | X |
| | POD.2.4. Competencies Related to Social Awareness and Participation | | | | | |
| PO.2.4.1. | leads community with sense of responsibility, behavior and attitudes in consideration of individual behaviors and social dynamics of the community, and if there is a necessity, develops projects directed towards health care services. | | | | | X |
| | POD.2.5. Competencies Related to Professional Attitudes and Behaviors | | | | | |
| PO.2.5.1. | displays a patient-centered and holistic (biopsychosocial) approach to patients and their problems. | | | | | X |
| PO.2.5.2. | respects patients, colleagues and all stakeholders in health care delivery. | | | | | X |
| PO.2.5.3. | displays the proper behavior in case of disadvantaged groups and situations in the community. | | | | | X |
| PO.2.5.4. | takes responsibility for the development of patient safety and healthcare quality. | | | | | X |
| PO.2.5.5. | evaluates own performance as open to criticism, realizes the qualifications and limitations. | | | | | X |

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| | PODG.3. Professional Development and Self-Worth | | | | | |
| | PODG.3.1. Personal Development and Values | | | | | |
| PO.3.1.1. | embraces the importance of lifelong self-learning and implements . | | | | | X |
| PO.3.1.2. | embraces the importance of updating knowledge and skills; searches current advancements and improves own knowledge and skills. | | | | | X |
| PO.3.1.3. | uses English language at least at a level adequate to follow the international literature and to establish communication related to the profession. | | | | | X |
| | POD.3.2. Competencies Related to Career Management | | | | | |
| PO.3.2.1. | recognizes and investigates postgraduate work domains and job opportunities. | | | | | X |
| PO.3.2.2. | recognizes the application requirements to postgraduate work/job domains, and distinguishes and plans any requirement for further training and work experience. | | | | | X |
| PO.3.2.3. | prepares a resume, and recognizes job interview methods. | | | X | | |
| | POD.3.3. Competencies Related to Protection and Development of Own Physical and Mental Health | | | | | |
| PO.3.3.1. | implements the rules of healthy living. | | | | | X |
| PO.3.3.2. | displays appropriate behavior specific to work under stressful conditions. | | | | X | |
| PO.3.3.3. | uses self-motivation factors. | | | | X | |

| ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION | | | |
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| Activities | Quantity | Duration (Hour) | Total Workload (Hour) |
| Course Duration (9 weeks) | 45 | 5.5 | 247.5 |
| Hours for off-the-classroom study (Pre-study, practice, review/week) | 45 | 1 | 45 |
| Homework | 1 | 2 | 2 |
| Exam | 1 | 2 | 2 |
| Total Work Load | | | 296.5 |
| Total Work Load / 25 (h) | | | 9.88 |
| ECTS Credit of the Course | | | 10 |