

COURSE INFORMATION					
Course Title	Code	Semester	Lecture+Practice+Labrotory Hour	Credits	ECTS
Introduction to Clinical Practice I	MED 102	Phase 1/1-2	32+18	5	5*

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

<b>Prerequisites</b>	N/A
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<b>Language of Instruction</b>	English
<b>Course Level</b>	Second Cycle including First Cycle Degree (One Tier Programme)
<b>Course Type</b>	Compulsory
<b>Course Coordinator</b>	Prof. Guldal Izbirak, MD, Assist. Prof. Tumay Sadikoglu, MD
<b>The instructors</b>	Subject to change: Guldal Izbirak, MD, Prof. Sezgin Sarikaya, MD, Prof. Tumay Sadikoglu, MD, Cem Şimşek, MD, Assist. Prof. E. Gökhan Gencer, MD, Assist. Prof. Hande Candemir, MD, Assist. Prof. Duygu Altiparmak, MD
<b>Assistants</b>	-
<b>Goals</b>	The aim of Introduction to Clinical Practice-I is to equip first year medical students with knowledge and skills on hand washing, wearing sterile gloves and masks, measurement skills for basic vital findings and First Aid approaches and convey basic knowledge on communication and provide them the opportunity to experience patient-doctor encounters with simulated patients.
<b>Content</b>	<b>Introduction to ICP Programmes</b> Lecture /Hand washing and wearing sterile gloves and masks Clinical Skills Learning /Hand washing and wearing sterile gloves and masks Lecture / Introduction to the First Aid Programmes Lecture/ Basic Human Body Lecture/ Scene Assessment Lecture / Basic Life Support and Heimlich Maneuver Lecture / Basic Life Support and Heimlich Maneuver Lecture Shock and Bleeding Control Lecture / Burns, Freezing, Frostbite Lecture Legal Aspect of First Aid Lecture Legal Aspect of First Aid Lecture / Injuries Lecture Foreign Objects Lecture / Fractures and Dislocation Lecture / The Unconscious Casualty Lecture / Drowning Lecture / Poisoning Lecture / Insect Bite Lecture / Patient-Casualty Transportation Techniques Clinical Skills Learning ICP I Basic Life Support and Heimlich Maneuver

Clinical Skills Learning ICP I Patient-Casualty Transportation / Bandaging Techniques Lecture Introduction to Communication Skills Lecture Basic Communication Skills Lecture Basic Communication Skills Lecture The Medical Interview Lecture The Medical Interview Lecture Giving Information Lecture The Medical History Lecture The Medical History Clinical Skills Learning ICP I Patient-Doctor Communication Skills General Approach Patient-Doctor Communication Skills Using SPs Lecture / ICP I Vital Signs Clinical Skills Learning Vital Signs
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<b>Learning Outcomes</b> <i>At the end of this term, the student should be able to:</i>	<b>Program Learning Outcomes</b>	<b>Teaching Methods</b>	<b>Assessment Methods</b>
<b>KNOWLEDGE</b>			
<b>1.0 describe</b> the techniques of hand washing, wearing sterile gloves and masks in accordance with the skill procedure.	1.1.1, 1.1.7,	1,2,4,5,6,7	A, D
<b>2.0 describe</b> modes of transmission and infection control measures	1.1.3, 1.1.7.	1,2,4,5,6,7	A, D
<b>3.0 list</b> Standard Precautions	1.1.7.	1,2,4,5,6,7	A, D
<b>4.0 describe</b> basic terms and concepts of communication skills	2.5.1, 2.5.2, 2.5.3	1,2,4,5,6,7	A, D
<b>5.0 describe</b> basic terms and concepts about first aid	1.1.1, 1.1.7.	1,2,4,5,6,7	A, D
<b>6.0 define</b> vital signs	1.1.1, 1.1.7.	1,2,4,5,6,7	A, D
<b>7.0 describe</b> measurement of blood pressure with sphygmomanometer in adults in accordance with the skill procedure	1.1.1, 1.1.7.	1,2,4,5,6,7	A, D
<b>8.0 recall</b> the normal ranges of vital signs	1.1.1, 1.1.7.	1,2,4,5,6,7	A, D
<b>9.0 describe</b> the steps of measurement techniques of vital signs	1.1.1, 1.1.7.	1,2,4,5,6,7	A, D
<b>SKILLS</b>			
<b>1.0. apply</b> hand washing and wearing sterile gloves and masks skills in accordance with the skill procedure	1.1.1, 2.1.1,	1,2,4,5,6,7	D

<b>2.0. use</b> communication skills in patient-doctor interviews	1.1.2., 2.1.1., 2.1.2., 2.5.1., 2.5.2,2.5.3	1,2,4,5,6,7	D
<b>3.0. apply</b> first aid skills on mannequins	3.1.3, 1.1.4.	1,2,4,5,6,7	D
<b>4.0. measure</b> blood pressure by using adult sphygmomanometer in accordance with the skill procedure	3.1.3, 1.1.4.	1,2,4,5,6,7	D
<b>5.0. measure</b> body temperature in accordance with the skill procedure	3.1.3, 1.1.4.	1,2,4,5,6,7	D
<b>6.0. count</b> pulse rate in accordance with the skill procedure	3.1.3, 1.1.4.	1,2,4,5,6,7	D
<b>7.0. count</b> respiratory rate in accordance with the skill procedure	3.1.3, 1.1.4.	1,2,4,5,6,7	D
<b>ATTITUDE</b>			
<b>1. value</b> the importance of informed consent	2.1.1., 2.1.2, 2.1.4.	1,2,4,5,6,7	D
<b>2. pay</b> attention to patient privacy	2.1.1., 2.1.2, 2.1.4.	1,2,4,5,6,7	D
<b>3. value</b> the importance of not exceeding the limits of his/her own competency level.	1.1.7., 2.1.4. 2.4.2.	1,2,4,5,6,7	D
<b>4.0. pays attention</b> to follow laboratory rules	3.1.3., 3.2.2.	1,2,4,5,6,7	D

<b>Teaching Methods:</b>	1: Lecture, 2: Question-Answer, 3: Discussion, 4:Standardized patient / Mannequin, 5: Video 6: Demonstration 7: Checklist 8:Small group Study 9: Role play
<b>Assessment Methods:</b>	A: Testing B: Presentation C: Homework D:OSCE

COURSE CONTENT			
Topics	Hour		Study Materials
	Theoretical	Practical	
Lecture /Hand washing and wearing sterile gloves and masks	1		Materials for the course provided by the the instructor
Clinical Skills Learning /Hand washing and wearing sterile gloves and masks	1	3	Materials for the course provided by the instructor
Lecture / Introduction to the First Aid Programmes	1		Materials for the course provided by the instructor
Lecture/ Basic Human Body	1		Materials for the course provided by the instructor
Lecture/ Scene Assessment	1		Materials for the course provided by the instructor
Lecture / Basic Life Support and Heimlich Maneuver	2		Materials for the course provided by the instructor
Lecture Shock and Bleeding Control	1		Materials for the course provided by the instructor
Lecture / Burns, Freezing, Frostbite	1		Materials for the course provided by the instructor
Lecture / Injuries	1		Materials for the course provided by the instructor
Lecture Foreign Objects	1		Materials for the course provided by the instructor
Lecture / Fractures and Dislocation	1		Materials for the course provided by the instructor
Lecture / The Unconscious Casualty	2		Materials for the course provided by the instructor
Lecture / Drowning	1		Materials for the course provided by the instructor
Lecture / Poisoning	1		Materials for the course provided by the instructor
Lecture / Insect Bite	1		Materials for the course provided by the instructor
Lecture / Patient-Casualty Transportation Techniques	1		Materials for the course provided by the instructor
Lecture / Legal Aspect of First Aid	2		Materials for the course provided by the instructor

Clinical Skills Learning ICP I Basic Life Support and Heimlich Maneuver	1	3	Materials for the course provided by the instructor
Clinical Skills Learning ICP I Patient-Casualty Transportation / Bandaging Techniques	1	3	Materials for the course provided by the instructor
Lecture Introduction to Communication Skills	1		Materials for the course provided by the instructor
Lecture Basic Communication Skills	2		Materials for the course provided by the instructor
Lecture The Medical Interview	2		Materials for the course provided by the instructor
History Taking as a Clinical Skill	2		
Clinical Skills Learning ICP I Patient-Doctor Communication Skills General Approach	1	3	Materials for the course provided by the instructor
Patient-Doctor Communication Skills Using SPs	1	3	Materials for the course provided by the instructor
Lecture / ICP I Vital Signs	1		Materials for the course provided by the instructor
Clinical Skills Learning Vital Signs	1	3	Materials for the course provided by the instructor

RECOMMENDED SOURCES	
<b>Textbook</b>	1-Bates (Shared)
<b>Additional Resources</b>	Checklists, Powerpoint presentations, videos

ASSESSMENT		
Questions Types (Pencil-Paper Tests)	Proportion (in Pass/Fail Decision)	Questions Types (Pencil-Paper Tests)
<b>Total</b>		<b>Total</b>
Other Assessment Methods and Tools	Proportion (in Pass/Fail Decision)	Other Assessment Methods and Tools
OSCE (With Checklist)	(40% MTEICP) + (60% Final OSCE)	
<b>Total</b>	<b>%100</b>	<b>Total</b>

Pass/Fail Decision	<b>Proportion (in Pass/Fail Decision)</b>	Pass/Fail Decision
Pencil-Paper Tests	40%	Pencil-Paper Tests
OSCE	60%	Other Assessment Methods and Tools
	<b>Total</b> %100	<b>Total</b>

MATERIAL SHARING	
<b>Documents</b>	Photocopy shareable.
<b>Assignments</b>	Not Shareable
<b>Exams</b>	Not shareable

<b>COURSE CATEGORY</b>	Expertise/Field Courses
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COURSES CONTRIBUTION TO PROGRAM					
COMPETENCE AREA-1 / Professional Practices	Contribution				
COMPETENCE 1.1. Health Service Provider	1	2	3	4	5
<b>Competency 1.1.1.</b> Integrates knowledge, skills, and attitudes acquired from basic and clinical medical sciences, behavioral sciences, and social sciences to provide health services.					<b>x</b>
<b>Competency 1.1.2.</b> Demonstrates a biopsychosocial approach that considers the individual's sociodemographic and sociocultural background without discrimination based on language, religion, race, or gender in patient management.					<b>x</b>
<b>Competency 1.1.3.</b> Prioritizes the protection and improvement of individuals' and community's health in the delivery of healthcare services.					
<b>Competency 1.1.4.</b> Performs the necessary actions in the direction of maintaining and improving the state of health as considering the individual, social, social and environmental factors affecting health.					<b>x</b>
<b>Competency 1.1.5.</b> Provides health education to healthy/ill individuals and their families, as well as to other healthcare professionals, by recognizing the characteristics, needs, and expectations of the target audience.					
<b>Competency 1.1.6.</b> Demonstrates a safe, rational, and effective approach in the processes of protection, diagnosis, treatment, follow-up, and rehabilitation in health service delivery.					
<b>Competency 1.1.7.</b> Performs interventional and/or non-interventional procedures safely and effectively for the patient in the processes of diagnosis, treatment, follow-up, and rehabilitation.					<b>x</b>
<b>Competency 1.1.8.</b> Provides healthcare services considering patient and employee health and safety.					
<b>Competency 1.1.9.</b> Considers changes related to the physical and socio-economic environment at both regional and global scales that affect health, as well as changes in the individual characteristics and behaviors of those who seek healthcare services.					

<b>COMPETENCE AREA-2 / Professional Values and Approaches</b>	<b>Contribution</b>				
<b>COMPETENCE 2.1. Adopting Professional Ethics and Principles</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Competency 2.1.1.</b> Considers good medical practices while performing the profession.					<b>x</b>
<b>Competency 2.1.2.</b> Fulfills duties and obligations within the framework of ethical principles, rights, and legal responsibilities required by the profession.					<b>x</b>
<b>Competency 2.1.3.</b> Demonstrates determined behavior in providing high-quality healthcare while considering the patient's integrity.					
<b>Competency 2.1.4.</b> Evaluates own performance in professional practices by considering own emotions and cognitive characteristics.					<b>x</b>
<b>COMPETENCE 2.2. Health Advocate</b>					
<b>Competency 2.2.1.</b> Advocates for the improvement of healthcare service delivery by considering the concepts of social accountability and social responsibility in the protection and enhancement of community health.					
<b>Competency 2.2.2.</b> Plans and implements service delivery, education, and counseling processes related to individual and community health, in collaboration with all stakeholders, for the protection and improvement of health.					
<b>Competency 2.2.3.</b> Evaluates the impact of health policies and practices on individual and community health indicators and advocates for the improvement of healthcare quality.					
<b>Competency 2.2.4.</b> Gives importance to protecting and improving own physical, mental, and social health and takes necessary actions for it.					<b>x</b>
<b>COMPETENCE 2.3. Leader-Manager</b>					
<b>Competency 2.3.1.</b> Demonstrates exemplary behavior and leadership within the healthcare team during service delivery.					<b>x</b>
<b>Competency 2.3.2.</b> Utilizes resources in a cost-effective, socially beneficial, and compliant manner with regulations in the planning, implementation, and evaluation processes of healthcare services as the manager in the healthcare institution.					
<b>COMPETENCE 2.4. Team Member</b>					
<b>Competency 2.4.1.</b> Communicates effectively within the healthcare team and takes on different team roles as necessary.					<b>x</b>
<b>Competency 2.4.2.</b> Displays appropriate behaviors while being aware of the duties and responsibilities of healthcare workers within the healthcare team.					<b>x</b>
<b>Competency 2.4.3.</b> Works collaboratively and effectively with colleagues and other professional groups in professional practice.					<b>x</b>
<b>COMPETENCE 2.5. Communicator</b>					
<b>Competency 2.5.1.</b> Communicates effectively with patients, their families, healthcare professionals, and other occupational groups, institutions and organizations.					<b>x</b>
<b>Competency 2.5.2.</b> Communicates effectively with individuals and groups who require a special approach and have different sociocultural characteristics.					<b>x</b>
<b>Competency 2.5.3.</b> Demonstrates a patient-centered approach that involves the patient in decision-making mechanisms during the diagnosis, treatment, follow-up, and rehabilitation processes.					<b>x</b>
<b>COMPETENCE AREA-3 / Professional and Personal Development</b>	<b>Contribution</b>				
<b>COMPETENCE 3.1. Scientific and Analytical Approach</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Competency 3.1.1.</b> Plans and implements scientific research, as necessary, for the population it serves, and utilizes the results obtained, as well as those from other research, for the benefit of the community.					
<b>Competency 3.1.2.</b> Accesses and critically evaluates current literature related to their profession.					

<b>Competency 3.1.3.</b> Applies evidence-based medicine principles in the clinical decision-making process.				<b>x</b>	
<b>Competency 3.1.4.</b> Uses information technologies to enhance the effectiveness of healthcare, research, and education activities.					
<b>COMPETENCE 3.2. Lifelong Learner</b>					
<b>Competency 3.2.1.</b> Manages effectively individual study processes and career development.					
<b>Competency 3.2.2.</b> Demonstrates skills in acquiring, evaluating, integrating new information with existing knowledge, applying to professional situations, and adapting to changing conditions throughout professional career.				<b>x</b>	
<b>Competency 3.2.3.</b> Selects the right learning resources to improve the quality of health care and organizes the learning process.					

<b>ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION</b>			
Activities	Quantity/ day	Duration (Hour)	Total Workload (Hour)
Course Duration (Full Term)	17	3	51
Hours for off-the-classroom study (Pre-study, practice, review/week)	50	2	100
Homework	-	-	-
Exam	2	3	6
<b>Total Work Load</b>			157
<b>Total Work Load / 30 (h)</b>			5.23
<b>ECTS Credit of the Course</b>			5