

## Course Syllabus of Principle Skills

Faculty : Medicine and health sciences  
Department: Basic Sciences  
Program : Bachelor of Medicine and Surgery

I. General information about the course instructor :							
Name	Dr. Layla Alward, Dr. Majed Wadi	Office Hours(3 Hours Weekly )					
Location & phone number	4118	Sat	Sun	Mon	Tue	Wed	Thu
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II. General information about the course:							
1.	Course Title :	Principle Skills					
2.	Course Code and Number :	BMD26					
3.	Credit Hours :	Credit Hours					Total
		Theoretical	Seminar/Tutorial	Practical	Clinical	Training	
		-	-	3	-	-	3
4.	Study Level and Semester:	4th year/ 1 <sup>st</sup> semester					
5.	Pre-requisites :	None					
6.	Co-requisites :	None					
7.	Program in which the course is offered:	Bachelor of Medicine and Surgery					
8.	Teaching Language:	English					
9.	Instruction location:	University of Science and Technology, Sana'a					

### III. Course Description

This course will provide the students with basic clinical skills for professional life of physicians. These include medical history taking of all systems with different situations, physical

examination of different body systems, and performance of essential procedures in daily practice and important actions during emergency situations. It intends to enhance medical students' skills to the high level of performance in stimulated area (Clinical Skills Lab) and prepare them for professional life with competent and confident manner.

#### IV. Course Aims:

1. To enable students to communicate skillfully with patients through accurate history taking and sensitive delivery of information.
2. To conduct a physical examination in a respectful, efficient and skillful manner.
3. Practice vital signs, basic life support, and other clinical procedures.
4. Demonstrate appropriate attitude and values to patients and relatives

#### V. Course Intended Learning Outcomes (CILOs) :

- 1) Recognize the components of history taking and steps of clinical examination of different body systems.
- 2) List the symptoms and signs of diseases of different body systems.
- 3) Describe the natural history of diseases based on their pathophysiology and manifestations (symptoms and signs).
- 4) Interlink normal function of different body systems with their symptoms and signs during diseases appearance
- 5) Appraise the history taken and physical examination of performed by his/her colleagues
- 6) Perform, document and present history taking and clinical examination of different body systems
- 7) Perform the common clinical procedures in the daily practice such as injections, IV line, and urine catheterization and the essential emergency actions (CPR) taking in his/her account the age and the situation of victim.
- 8) Prepare the suitable environment for history taking and physical examination to ensure patients' privacy.
- 9) Work in a team by respecting teachers, colleagues, simulated patients, lab technicians and commit to the ground rules of the clinical skill lab
- 10) Demonstrate appropriate professional attitude and values by caring and sensitivity, respect for patient' autonomy and honesty in communication.

#### VI. Course Contents

##### First: Theoretical Aspects

No.	Course Topics/Units	Sub-topics	No. of Labs	Contact Hours
1	General	History Taking & General Physical Examination	4	8
		Vital signs 1 (Pulse & Temperature)	1	2
		Vital signs (Respiratory rate & Blood Pressure)	1	2
		Anthropometric measurements (Height, Weight, Arm and Head circumferences)	1	2
2	Mass and nodular examination	History taking of swelling	2	4
		Lymph node examination	1	2
		Thyroid examination	1	2
		Breast examination	1	2

3	Chest	History taking & general examination of chest diseases (Sings & Symptoms)	2	4
		Chest inspection and palpation	1	2
		Chest percussion and auscultation	1	2
4	Cardiac	History taking & general examination of heart diseases (Sings & Symptoms)	2	4
		Cardiac inspection, palpation & JVP examination	1	2
		Cardiac percussion & auscultation	1	2
		ECG performance	1	2
		IV injections and cannula insertion	1	2
		Cardio-Pulmonary Resuscitation (CPR)	1	2
5	Abdomen	History taking & general examination of GIT & Hepatobiliary diseases (Sings & Symptoms)	2	4
		Abdominal inspection & auscultation	1	2
		Abdominal palpation & percussion	1	2
		Rectal Examination	1	2
		NGT insertion	1	2
6	Urinary system	History taking & general examination of renal diseases (Sings & Symptoms)	2	4
		Urinary catheterization	1	2
7	Obstetrics & Gynecology	Per Vaginum (vaginal examination)	1	2
		Uterine Examination	1	2
		IUD Insertion	1	4
8	Neurology	History taking & general examination of nervous diseases (Sings & Symptoms)	2	2
		Mental status and meningeal examination	1	2
		Cranial nerves examination	1	2
		Sensory system examination	1	2
		Motor system examination	1	2
9	Musculoskeletal system	History taking & general examination of musculoskeletal diseases (Sings & Symptoms)	2	4
		Joints examination	1	2
		POP performance	1	2
<b>Total</b>			<b>45</b>	<b>90</b>