

Basic of Sterilization

III. Course Description:

In this course, the student will learn the basic of sterilization procedures to plan the appropriate care of the surgical patient. By the end of this unit, the student will be able to discuss and apply theory relating to the following topics:

V. Course Content:

Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

Order	Topics List	Week Due	Contact Hours
1	principles Of Sterilization & Disinfections	1-3	6
2	Types of Sterilization (Dry & Wet), methods, hazards and tasting	4-5	4
3	Methods of sterilization	6-7	4
5	Mid-term exam	8	2
6	Hazards of sterilization.	9-10	4
7	Prevention of hazards of sterilization	11-13	6
8	Methods to Checking sterility	14-15	4
13	Final exam	16	2
Number of Weeks /and Units Per Semester		16	32

B– Practical Aspect:

Order	Topics List	Week Due	Contact Hours
1	Applying of Dry Sterilization.	1-3	6
2	Applying Wet sterilization.	4-5	4
3	Applying Gaseous sterilization.	6-7	4
4	Applying Chemical sterilization.	8-9	4
5	Applying Sterilization by radiation (Gamma rays, ultraviolet rays)	10-12	6
8	Fnal exam	14-16	6
Number of Weeks /and Units Per Semester		16	32

VI. Teaching strategies of the course:	
1. Lecture	
2. Lecture - Discussion	
3. Demonstration	
4. Student assignments	
5. Role Plays	
6. Brainstorming	
7. Case study	
8. Field work	

I. Schedule of Assessment Tasks for Students during the Semester:					
Theoretical part					
No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Attendance and Activities	15th week	5	5%	a1,a2,a3,a4,a5,b1,b2,d1
2	Semester work	5th and 12th week	5	5%	a1,a2,a3,a4,a5,b1,b2,d1
3	Mid-term exam	7th or 8th week	20	20%	a1,a2,a3,a4,a5,b1,b2,d1
4	Final exam	16th-17th week	70	70 %	a1,a2,a3,a4,a5,b1,b2,d1

Clinical part					
Assessment	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Attendance and Attitude	15 th week	10	10%	c1,c2, c3,c4
2	Student assignments	1 st and 15 th week	10	10%	c1,c2, c3,c4

3	Clinical Evaluation/ Semester Work	15 th week	50	50%	c1,c2, c3,c4
4	Final Exam (Written, Oral and Clinical Exam)	16 th -17 th week	30	30%	c1,c2, c3,c4