

Template for Course Plan (Operation Theater Nursing II)

I. Course Description:

This course aims to enable students to demonstrate high technical skills in operating theater and develop leadership skills in operating room. This course is designed to assist students in developing expertise and in depth understanding in the field of operating room, various operational types, operating field

I. Course Content:

A – Theoretical Aspect:

Order	Units/Topics List	Sub Topics List	No of Weeks	Contact hours
1	Prevention of Retained Surgical Items	Prevention of Retained Surgical Items - Overview - Nursing Diagnosis: Desired Patient Outcome - Challenges - Assistive Technologies - Soft Goods Counts - Sharps and Miscellaneous Items - Instrument Counts - Documentation	1 st – 2 nd Weeks	12
2	Prevention of Injury: Hemostasis, Tourniquets and Electrosurgical Equipment	Prevention of Injury: Hemostasis, Tourniquets and Electrosurgical Equipment - Overview - Natural Hemostasis	3 rd – 4 th Weeks	12

		- Chemical Hemostasis - Mechanical Hemostasis - Electrical Hemostasis: Electrosurgery - Ultrasonic/Harmonic Technology - Argon Beam–Enhanced Electrosurgery/Argon Plasma Coagulation - Enhanced Monopolar Technology		
3	Effective Management of Surgical Instrumentation	Effective Management of Surgical Instrumentation - Nursing Diagnosis: Desired Patient Outcome - Evolution of Surgical Instrumentation - Manufacture of Surgical Instruments - Instrument Nomenclature - Nursing Responsibilities Related to Surgical Instrumentation - Loaner Instruments - Categories of Instruments - Inspection - General Guidelines for Care and Cleaning at the Point of Use	5 th - 6 th Weeks	12
4		Midterm exam	7 th Weeks	2

5	Wound Management: Wound Closure	Wound Management: Wound Closure ▪ Nursing Diagnoses ▪ Desired Patient Outcomes/Criteria ▪ Surgical Wound Classification ▪ Wound Healing ▪ Suture Material ▪ Suture Selection: Considerations ▪ Suture Package Information ▪ Surgical Needles ▪ Other Wound-Closure Devices ▪ Surgical Mesh ▪ Drains ▪ Dressings ▪ Nursing Responsibilities Related to Wound Management	8 th - 9 th Weeks	4
6	Environment of Care and Life Safety	Environment of Care and Life Safety ▪ Overview ▪ Culture of Safety—Just Culture ▪ Regulations ▪ Standards and Recommendations ▪ National Professional Organizations ▪ Accreditation ▪ Physical Hazards ▪ Chemical Hazards ▪ Exposure Control	10 th - 12 th Weeks	8

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		Plan and Personal Protective Equipment (PPE)		
		- Disaster Planning - Safety Compliance		
7	Anesthesia and Medication Safety	Anesthesia and Medication Safety - Overview - Peanesthesia - Selection of Anesthetic Agents and Technique - Monitoring - General Anesthesia - Moderate Sedation/Analgesia - Regional Anesthesia - Local Anesthetic Infiltration	13 th - 14 th Weeks	8
8		Final term exam	15 th Weeks	2
Number of Weeks /and Units Per Semester				06

B– Practical Aspect:

Order	Topics List	Week Due	Contact Hours
1	Counting - Soft Goods Counts - Sharps and Miscellaneous Items - Instrument Counts	1 st – 2 nd weeks	
2	Hemostasis, Tourniquets - Mechanical Hemostasis - Electrical Hemostasis - Electrosurgery/Argon Plasma Coagulation	3 rd – 4 th Weeks	

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3	Instrumentation - Instrument Nomenclature - Categories of Instruments - Loaner Instruments - General Guidelines for Care and Cleaning	5 th - 6 th Weeks	
4	Midterm exam	7 th Weeks	
5	Wound Management - Suture Material - Surgical Needles - Other Wound-Closure Devices - Drains - Dressings	8 th - 9 th Weeks	
6	Environment of Care - Physical Hazards - Chemical Hazards - Personal Protective Equipment (PPE)	10 th - 12 th Weeks	
7	Anesthesia and Medication Safety - Monitoring - General Anesthesia - Regional Anesthesia - Local Anesthetic Infiltration	13 th - 14 th Weeks	
8	Final term exam	15 th Weeks	
Number of Weeks /and Units Per Semester		16	32