

(83-MED-01-01) MEDICAL STERILIZATION AND OPERATION THEATRE TECHNOLOGY

1. Significance of Program

An operating theatre accommodates one or two patient(s) at a time, during and only during the period in which, under the direct supervision of a medical or dental practitioner, the patient(s) can undergo operative treatment in many areas or for the prevention, cure, relief or diagnosis of disease

2. Program Objectives

Objective: To establish a long-term career in a company where I may utilize my Dialysis Technician professional skills and knowledge to be an effective Dialysis Technician and inspiration to those around me.

Skills: Management Skills, Transportation Skills, Planning Skills.

3. Outcomes of the Program

Learning outcomes for the respiratory therapy program Graduates will demonstrate the ability to think critically, to analyze complex and diverse concepts, and to use reason and judgment.

4. Major Course Outline

- Microbiology & Pathology
- Cardiovascular Diseases
- Respiratory Therapy Techniques
- Biochemistry & Pharmacology
- Diagnostic Techniques in Cardio-respiratory diseases
- Life Support System
- Biostatistics & Physics
- Equipment in Respiratory Care
- Cardiopulmonary Rehabilitation

Core	Electives	Skill Course
Microbiology & Pathology	Human Anatomy. Physiology. Biochemistry.	Administration of oxygen. Cardiopulmonary resuscitation.

Respiratory Therapy Techniques Cardiopulmonary Rehabilitation	Pathology [Clinical pathology, Hematology, & Blood banking] Microbiology	Management of mechanical ventilators. Administering drugs to the lungs. Monitoring cardiopulmonary systems. Measuring lung function.
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