

Mymensingh Polytechnic Intitute
Electromedical Technology
Outline Plan of Teching 4th Semester Student

SEMESTER PLAN PRESENTATION T P C

Subject: Anesthesia and Respiratory Equipment (28642) 2 3 3

WEEK	Theory			Practical	
	Content (Specific Objective)	Activity		Content (Practical Job no)	Activity
		Class Test	Learning Material		
1	Understand the Feature of Respiratory System (1.1-1.6)		Ref. books, White board, marker.	Job no: 1 Identify medical gases with color coding.	
2	Understand the Feature of Medical Gas System (2.1-2.4)			Job no: 2 Demonstrate medical gas cylinder.	
3	Understand the Feature of Medical Gas System (2.5-2.7)			Job no: 2 Demonstrate medical gas cylinder.	
4	Understand the Feature of Inhalation anesthetic agents (3.1-3.3)	CT-1		Job no: 3 Observe the working principle of spirometer.	
5	Understand the Feature of Inhalation anesthetic agents (3.4-3.5)			Job no: 3 Observe the working principle of spirometer.	
6	Understand the Feature of Measurement of respiration (4.1-4.4)	QT-1		Job no: 4 Observe the working principle of blood gas analyzer.	
7	Understand the Feature of Measurement of respiration (4.5-4.8)			Job no: 4 Observe the working principle of blood gas analyzer.	
8	Understand the Feature of Pulmonary function analyzers (5.1-5.9)			Job no: 5 Observe the operation of inhalator.	
9	MIDTERM EXAMINATION				
10	Understand the Feature of Inhalator and Nebulizer (6.1-6.7)			Job no: 6 Observe the operation of nebulizer.	
11	Understand the Feature of Anesthesia machine (7.1-7.7)			Job no: 6 Observe the operation of nebulizer.	
12	Understand the Feature of Patient safety and monitoring in anesthesia (8.1-8.7)	CT-2		Job no: 7 Observe the operation of anesthesia machine.	
13	Understand the Feature of Ventilator (9.1-9.4)			Job no: 7 Observe the operation of anesthesia machine.	
14	Understand the Feature of Ventilator (9.5-9.7)	QT-2		Job no: 8 Troubleshoot and maintenance of Ventilator.	
15	Understand the Feature of Respiratory therapy equipment (10.1-10.4)			Job no: 9 Observe the operation of portable ventilator.	
16	Understand the Feature of Respiratory therapy equipment (10.5-10.7)			Job no: 9 Assemble and Maintenance of CPAP Machine.	

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