COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021
RESP 105	1	Given a patient scenario, the student will assess the specific obstructive disease with which the patient presents and select the appropriate therapy to evaluate tissue oxygenation and cellular homeostasis.				Fall 2010								
	2	Given patient scenarios, the student will compare and / or contrast obstructive or restrictive pulmonary disease.				Fall 2010								
RESP 108	1	Evaluate and recommend specific respiratory modalities appropriate to meet a patient's needs given a patient scenario.				Fall 2010								
RESP 112	1	Diagram the sequential progression of a disease entity, identifying problems specific to their respective patient and choose laboratory data to confirm or deny the existence of their identified current problem.		Fall 2009										
	2	Given the history, signs, symptoms, radiological findings, and current chest assessment, the student will gather the additional clinical information and suggest decisions regarding the management of their respective patients.		Fall 2009										
	3	Given a critically ill ventilator patient, the student will graph the admission pathophysiology, collect relevant clinical data, perform the appropriate calculations to assess the current extent of the patient's disease, to confirm or deny the existence of problems, to ascertain the appropriate patient management.		Fall 2009										

COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021
RESP 114	1	Recommend the appropriate cardio-respiratory drugs for treatment given a patient scenario.						Fall 2011						
RESP 116	1	Given patient laboratory data, distinguish normal and abnormal values and interpret these results relating it to patient care.			Spring '10									
RESP 118	1	Accurately describe the need for mechanical ventilation including the basic terms and concepts. Appropriately identify and describe the specific components and operation of the following ventilators: Servo 300; Servo I ; Puritan Bennett 840; Drager Ventilators; Hamilton Galileo; BiLevel ventilation Devices			Spring '10									
RESP 122	1	Diagram the sequential progression of a disease entity, identifying problems specific to their respective patient and choose laboratory data to confirm or deny the existence of their identified current problem.	ASP, AAR											
	2	Given the history, signs, symptoms, radiological findings, and current chest assessment, the student will gather the additional clinical information and suggest decisions regarding the management of their respective patients.	ASP, AAR											
	3	Given a critically ill ventilator patient, the student will graph the admission pathophysiology, collect relevant clinical data, perform the appropriate calculations to assess the current extent of the patient's disease, to confirm or deny the existence of problems, to ascertain the appropriate patient management.	x											
		ANEST. TECH ON HIATUS- SLOS WILL BE ASSESSED WHEN OFFERED NEXT												

COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021
RESP 141	1	Define specified terminology related to the scope of practice of anesthesia technology.												
	2	Describe the structure and function of components typically found on an anesthesia machine.												
	3	Demonstrate the correct use of artificial airway devices and intubation equipment.												
RESP 142	1	Describe the fundamental structure and function prescribed systems within the human body as related to anesthesia technology.						x						
	2	Compare and contrast “normal” vs. “abnormal” anatomy and describe appropriate modifications to anesthesia techniques.										x		
	3	Describe the importance of correct patient positioning in relation to its effect on anatomical and physiological impairment.												x
RESP 143	1	Define the role of the anesthesia technician in relation to other members of the operating room team.								x				
	2	Demonstrate the principles of universal precautions and aseptic technique.										x		
	3	Demonstrate correct body mechanics related to patient positioning.												x
		ANEST. TECH ON HIATUS- SLOS WILL BE ASSESSED WHEN OFFERED NEXT												
RESP 144	1	Demonstrate prescribed standards in patient care techniques used in the operating room.												
	2	Distinguish between and describe the role of prescribed noninvasive, invasive, and ultrasound monitoring procedures used during the perioperative period.												

COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021	
	3	Compare and contrast normal parameters of hemodynamic waveforms displayed during anesthesia and surgical procedures.													
RESP 145	1	Describe and apply prescribed standards in patient care techniques in the operating room.									x				
	2	Correctly assemble supplies for prescribed noninvasive and invasive monitoring techniques.											x		
	3	Differentiate between prescribed clinical applications of vascular access devices and techniques.													x
		ANEST. TECH ON HIATUS- SLOS WILL BE ASSESSED WHEN OFFERED NEXT													
RESP 146	1	Define prescribed terminology as related to classes, dosage, measurement and route of administration of prescribed drugs and anesthetic agents.													
	2	Compare and contrast the physiological effects of prescribed classes of anesthetic agents.													
	3	Identify evidence based methods of quality control for reducing medication errors in accordance with FDA regulations and Joint Commission standards.													
		ANEST. TECH ON HIATUS- SLOS WILL BE ASSESSED WHEN OFFERED NEXT													
RESP 147	1	Analyze and distinguish normal parameters of laboratory values associated with hematology, blood chemistry, and acid-base balance.													
	2	Define the role of crystalloids, colloids, and blood components related to acid-base balance, tissue oxygenation, fluid and electrolyte balance, clotting mechanisms, and immune response.													

COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021	
	3	Define the theoretical concepts of autologous blood collection and delivery and intra-aortic balloon pump therapy.													
RESP 148	1	Assemble prescribed equipment and describe the steps to setup, calibrate, and troubleshoot instrument malfunctions and alarms.									SUM 2013				
	2	Set up intravenous lines, fluid management devices, and hemodynamic pressure transducers for application by the operating room staff.											SUM 2014		
	3	Describe the airway management, vascular access, and monitoring needs of the high acuity patient undergoing anesthesia.													SUM 2015
RESP 150	1	Recommend appropriate respiratory care techniques for neonates with varying dysfunctions or disorders given a patient scenario.					Spring '11								
RESP 198	1	Students will be able to recognize essential discipline skills and content and apply them to a related course								Fall 2012					
RESP 199	1	Complete individual study, research, or projects in education										Fall 2013			
	2	Participate in conference sessions with the instructor of record										Fall 2013			

COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021
	3	Develop the skills necessary to work independently (including self-monitoring, time management, and resource acquisition).										Fall 2013		
RESP 200 A-C	1	Organize a typical patient workload in the hospital setting.									Spring '13			
RESP 201	1	Given a patient scenario, the student will assess the specific obstructive disease with which the patient presents and select the appropriate therapy to evaluate tissue oxygenation and cellular homeostasis.						Fall 2011						
	2	Given patient scenarios, the student will compare and / or contrast obstructive or restrictive pulmonary disease.						Fall 2011						
RESP 202 A-C	1	Organize a typical patient workload in the hospital setting							Spring '12					
RESP 205	1	Given patient scenarios, the student will assess the specific obstructive disease with which the patient presents and select the appropriate therapy to evaluate tissue oxygenation and cellular homeostasis.			Spring '10									
	2	Given patient scenarios, the student will compare and/or contrast Acute Respiratory Failure versus Acute Respiratory Distress Syndrome.			Spring '10									
RESP 208	1	Determine the settings needed to accomplish minute volume and oxygenation in advance/complex modes of ventilation.				Fall 2010								

COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021
	2	Describe the principles of pressure and flow monitoring to include principle of operation and factors which influence accuracy of the measurement				Fall 2010								
	3	Identify the events noted in graphic monitoring of flow, pressure and volume waveforms of ventilation				Fall 2010								
	4	Interpret the ECG pattern from a given tracing and the clinical implications/treatment of each rhythm according to ACLS guidelines				Fall 2010								
	5	Perform defibrillation and cardioversion in a lab model				Fall 2010								
	6	Calculate the values normally derived from the hemodynamic waveform produced by a pulmonary artery catheter				Fall 2010								
	7	Calculate the oxygen delivery and uptake as determined by systemic system and data obtained from the pulmonary artery				Fall 2010								
RESP 222	1	Diagram the sequential progression of a disease entity, identifying problems specific to their respective patient and choose laboratory data to confirm or deny the existence of their identified current problem.		Fall 2009										
	2	Given the history, signs, symptoms, radiological findings, and current chest assessment, the student will gather the additional clinical information and suggest decisions regarding the management of their respective patients.		Fall 2009										

COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021
	3	Given a critically ill ventilator patient, the student will graph the admission pathophysiology, collect relevant clinical data, perform the appropriate calculations to assess the current extent of the patient's disease, to confirm or deny the existence of problems, to ascertain the appropriate patient management.		Fall 2009										
RESP 232	1	Diagram the sequential progression of a disease entity, identifying problems specific to their respective patient and choose laboratory data to confirm or deny the existence of their identified current problem.	ASP, AAR											
	2	Given the history, signs, symptoms, radiological findings, and current chest assessment, the student will gather the additional clinical information and suggest decisions regarding the management of their respective patients.	ASP, AAR											
	3	Given a critically ill ventilator patient, the student will graph the admission pathophysiology, collect relevant clinical data, perform the appropriate calculations to assess the current extent of the patient's disease, to confirm or deny the existence of problems, to ascertain the appropriate patient management.	ASP, AAR											
RESP 268	1	Given patient scenarios, the student will perform Pulmonary Function Testing and will develop a customized Home Care program for individual patient to enhance their "Quality of Life."					Spring '11							

COURSE #	SLO		FA 2015	Spr 2016	FA 2016	Spr 2017	FA 2017	Spr 2018	FA 2018	Spr 2019	FA 2019	Spr 2020	FA 2020	Spr 2021
	2	Given patient scenarios, the student will assess the specific obstructive disease and determine the appropriate home oxygen therapy modality, home sterilization technique and home life support system.					Spring '11							
													Spring '14	
RESP 298	1	Students will be able to describe, distinguish and apply components of the discipline within a specialized topic of the discipline.											Spring '14	
RESP 299	1	299A: Students will be able to define and analyze components of the discipline within a specialized topic of the discipline.												Fall 2014
	2	299B: Students will be able to define, analyze, and synthesize components of the discipline within a specialized topic of the discipline.												Fall 2014