Respiratory Care BA Degree Course Learning Outcome	Program Learning Outcomes	Perform the duties and functions of an advanced practitioner in neonatal, pediatric, and adult critical care.	Meet program-defined criteria related to management, advanced clinical practice, teaching, research, professional service and other professional development metrics.	Participate as a multidisciplinary team member in patient education and disease management of acute and chronic illnesses.	Integrate professional and ethical behavior with enhanced communication skills required for practice within the diverse field of respiratory care.	Successfully pass professional credentialing exams including: Adult Critical Care Specialist, Neonatal and Pediatric Specialist, Asthma Educator (NAEB), and the Registered Pulmonary Function Technician national board exams.
MRSCR 421 Advanced Neonatal and Pediatric Critical Care						
Differentiate methods of assessment utilized in the diagnosis of disease processes within neonatal/pediatric critical care settings.		X	X			X
Evaluate current interventions, therapies, ventilatory techniques and approaches to respiratory care of critically ill neonatal and pediatric patients.		X	X			X
Analyze and evaluate legal and ethical implications in the care a critically ill neonates and pediatric patients			X		X	
Design a discharge plan for home care on a ventilator-dependent pediatric patient.		X				
MRSCR 425 Pulmonary Diagnostics, Rehabilitation, and Sleep						
Evaluate advanced pulmonary diagnostic testing, and differentiate the patho-physiological patterns associated with obstructive and restrictive lung disease		X				X

Differentiate emergency procedures related to respiratory care and airway maintenance during sleep, rehabilitation, and pulmonary diagnostics		X	X			
Examine and discuss the goals and benefits of pulmonary rehabilitation	X		X			

MRSCR 430 Capstone Research

Examine and discuss the evaluative process of research methods and evidence collection by submitting weekly progress reports to faculty advisers		X			X	
Integrate the broad range of skills and experiences learned across the curriculum to design and present a research project that evaluates current problems or practices within the field of respiratory care		X				

MRSCR 406 Healthcare Leadership and Operations Management II

Critically review new responsibilities taken on with leadership roles, including decision making, human resource issues and competencies to perform newly expected responsibilities.		X				
Differentiate leadership roles in the areas of management and supervision.		X				
Formulate a plan to develop, and deliver high quality, cost-effective respiratory care services.		X				
Evaluate and offer constructive criticism and suggestions for improving respiratory care practice		X				
Develop people management skills by evaluations of other workers, including their personal and professional actions and abilities, and by encouraging and promoting excellence in coworkers		X			X	

MSOCI 400 Medical Sociology: Health and Diversity

Contrast various theoretical, historical and sociological ideologies in the health care field and medical practice.					X	
Evaluate the impact of social inequality and social change within the role and function of health care, medical practice and services.					X	

Outcome	1	2	3	4	5	6	7
Analyze the intersection among socio-economic indicators (i.e. race/ethnicity, class gender, etc.)on health care access and quality of provision.					X		
Differentiate and compare the elements, phases, processes and functions of roles and status within the patient/care provider spectrum.			X				
Synthesize the lived experience of disability, disease and or illness with the impact of sudden traumatic life-change					X		
MRSCR 415 Disease Management and Healthcare Promotion							
Appraise and weigh each of the drivers within the healthcare system (quality, access, and costs) as it relates to respiratory care.			X		X		
Analyze the impact of the misallocation of respiratory care on patient outcomes and healthcare cost.					X		
Evaluate the emerging trends and evolving roles of respiratory care practitioners as case or disease managers.	X						X
MRSCR 416 Education and Teaching Strategies for Healthcare Professionals							
Develop and implement instructional content using evidenced-based teaching strategies.			X	X			
Interpret and evaluate education plans using tools such as the clinical pathway.			X				
Design, implement, and evaluate learning experiences in respiratory care education settings			X				
MRSCR 420 Advanced Pharmacology and Critical Care							
Evaluate components of critical care related to sepsis, shock, and trauma, and the respiratory care practitioner's scope of practice utilizing advanced diagnostic techniques.		X					
Integrate the role of pharmaceuticals, pharmacokinetics, and pharmacodynamics in critical care.		X	X				
Assess the role of team leader in cardiopulmonary resuscitation for adults through the utilization of Advanced Cardiac Life Support algorithms.		X	X				

	1	2	3	4	5	6
Examine clinical laboratory and diagnostic results which identify critical values and propose appropriate diagnostic procedures and clinical intervention.	X	X				
MRSCR 410 Critical Review of Healthcare Research						
Critically review, analyze, and interpret published research.	X	X				
Formulate a proposal for research discussing the methodological approach, collection, measurement, and analysis of data.		X				
MRSCR 400 Psychology of Stress, Illness & Death						
Evaluate biopsychosocialspiritual model that affects personal health and dis-ease within healthcare professional				X		
Analyze key principles, theories, and research in trauma, crises, resiliency, and self-care as related to personal and professional life situations	X					X
Synthesize key concepts in health psychology in understanding the effects of stress, illness, dis-ease, and death from the personal and				X		X
Synthesize central concepts from the biopsychosocialspiritual model in the development of "self-care" programs for the health professional.				X		X
MRSCR 405 Healthcare Leadership and Operations Management						
Evaluate the challenges of delivering and maintaining value in healthcare.			X	X		
Analyze and compare organizational management and behavioral theories to current problems within healthcare.			X	X		
Assess the mission, vision, values, culture, and utilization of effective management strategies within the structure of healthcare organizations.			X		X	
MCOM400 Organizational Behavior						
Improve his/her skills in critical thinking, oral communication, and teamwork.				X	X	
Explain key theoretical aspects and practical applications of organizational behavior.			X			
Evaluate organizational behavior concepts and theories to assess which strategies will enhance organizational situations.					X	
MPHIL 400 Medial Bioethics						

Explain, interpret, and evaluate, using moral reasoning, different ethical theories and then apply their evaluation therein to contemporary issues in medical ethics.				X		
Compare and evaluate competing views, including their own, on important issues in medical ethics to others and relate the compatibility of these positions with broader philosophical commitments (i.e., what is a person, what rights to persons have, what constitutes human flourishing, etc.).				X		
Explain and interpret common medical issues such as: the Hippocratic tradition; paternalism and autonomy; informed consent, truth telling, and confidentiality; genetic and reproductive control; death and dying and advance directives; impaired and seriously ill infants; medical error; medical technology; quality and sanctity of life; or just allocation of resources.				X		
Craft well-justified, well-organized papers that a) reconstruct arguments contained in a text, b) critically evaluate the plausibility of the premises and inferences, and c) offer their own arguments in response to questionable arguments in the target text.	X	X				

Respiratory Care BA Degree / Course Learning Outcome	Institutional Learning Outcomes	Communication	Creative, Critical and Analytical Thinking	Cultural Literacy & Social Responsibility	Information & Technology Literacy	Personal & Professional Development
MRSCR 405 Health Leadership and Operation Management						
Evaluate the challenges of delivering and maintaining value in healthcare.			X	X		
Analyze and compare organizational management and behavioral theories to current problems within healthcare.			X			
Assess the mission, vision, values, culture, and utilization of effective management strategies within the structure of healthcare organizations.			X	X		
MRSCR 420 Advanced Pharmacology and Critical Care						
Evaluate components of critical care related to sepsis, shock, and trauma, and the respiratory care			X			
Integrate the role of pharmaceuticals, pharmacokinetics, and pharmacodynamics in critical care.			X			X
Assess the role of team leader in cardiopulmonary resuscitation for adults through the utilization of Advanced Cardiac Life Support algorithms.			X			X
Examine clinical laboratory and diagnostic results which identify critical values and propose appropriate diagnostic procedures and clinical intervention.			X			X
MRSCR 415 Disease Management and Healthcare Promotion						
Appraise and weigh each of the drivers within the healthcare system (quality, access, and costs) as it relates to respiratory care.			X			
Analyze the impact of the misallocation of respiratory care on patient outcomes and healthcare cost.			X			

Outcome						
Evaluate the emerging trends and evolving roles of respiratory care practitioners as case or disease managers.			X			X
MRSCR 416 Education and Teaching Strategies for Healthcare Professionals						
Develop and implement instructional content using evidenced-based teaching strategies.		X	X			X
Interpret and evaluate education plans using tools such as the clinical pathway.		X	X			X
Design, implement, and evaluate learning experiences in respiratory care education settings			X			X
MRSCR 430 Capstone Research						
Examine and discuss the evaluative process of research methods and evidence collection by submitting weekly progress reports to faculty advisers			X			
Integrate the broad range of skills and experiences learned across the curriculum to design and present a research project that evaluates current problems or practices within the field of respiratory care			X			X
MRSCR 406 Healthcare Leadership and Operations Management II						
Critically review new responsibilities taken on with leadership roles, including decision making, human resource issues and competencies to perform newly expected responsibilities.			X			X
Differentiate leadership roles in the areas of management and supervision.			X			
Formulate a plan to develop, and deliver high quality, cost-effective respiratory care services.		X	X			
Evaluate and offer constructive criticism and suggestions for improving respiratory care practice		X	X			
Develop people management skills by evaluations of other workers, including their personal and professional actions and abilities, and by encouraging and promoting excellence in coworkers		X	X	X		X
MRSCR 421 Advanced Neonatal and Pediatric Critical Care						
Differentiate methods of assessment utilized in the diagnosis of disease processes within neonatal/pediatric critical care settings.			X			
Evaluate current interventions, therapies, ventilatory techniques and approaches to respiratory care of critically ill neonatal and pediatric patients.			X			X
Analyze and evaluate legal and ethical implications in the care a critically ill neonates and pediatric patients			X	X		X
Design a discharge plan for home care on a ventilator-dependent pediatric patient.		X	X			
MRSCR 425 Pulmonary Diagnostics, Rehabilitation, and Sleep						

Evaluate advanced pulmonary diagnostic testing, and differentiate the patho-physiological patterns associated with obstructive and restrictive lung disease			X				
Differentiate emergency procedures related to respiratory care and airway maintenance during sleep, rehabilitation, and pulmonary diagnostics			X			X	
Examine and discuss the goals and benefits of pulmonary rehabilitation			X	X			X
MRSCR 410 Critical Review of Healthcare Research							
Critically review, analyze, and interpret published research.			X				
Formulate a proposal for research discussing the methodological approach, collection, measurement, and analysis of data.	X		X		X		
MSOCI 400 Medical Sociology: Health and Diversity							
Contrast various theoretical, historical and sociological ideologies in the health care field and medical practice.	X		X				
Evaluate the impact of social inequality and social change within the role and function of health care, medical practice and services.			X	X			
Analyze the intersection among socio-economic indicators (i.e. race/ethnicity, class gender, etc.)on health care access and quality of provision.			X	X			
Differentiate and compare the elements, phases, processes and functions of roles and status within the patient/care provider spectrum.			X	X			
Synthesize the lived experience of disability, disease and or illness with the impact of sudden traumatic life-change			X				X
MRSCR 400 Psychology of Stress, Illness & Death							
Evaluate biopsychosocialspiritual model that affects personal health and dis-ease within healthcare professional			X				X
Analyze key principles, theories, and research in trauma, crises, resiliency, and self-care as related to personal and professional life situations							X
Synthesize key concepts in health psychology in understanding the effects of stress, illness, dis-ease, and death from the personal and professional perspective.	X						X
Synthesize central concepts from the biopsychosocialspiritual model in the development of "self-care" programs for the health professional.	X		X				
MCOM400 Organizational Behavior							
Improve his/her skills in critical thinking, oral communication, and teamwork.			X				
Explain key theoretical aspects and practical applications of organizational behavior.	X						
Evaluate organizational behavior concepts and theories to assess which strategies will enhance organizational situations.			X				

MPHIL 400 Medial Bioethics							
Explain, interpret, and evaluate, using moral reasoning, different ethical theories and then apply their evaluation therein to contemporary issues in medical ethics.		X	X				
Compare and evaluate competing views, including their own, on important issues in medical ethics to others and relate the compatibility of these positions with broader philosophical commitments (i.e., what is a person, what rights to persons have, what constitutes human flourishing, etc.).			X	X			
Explain and interpret common medical issues such as: the Hippocratic tradition; paternalism and autonomy; informed consent, truth telling, and confidentiality; genetic and reproductive control; death and dying and advance directives; impaired and seriously ill infants; medical error; medical technology; quality and sanctity of life; or just allocation of resources.		X	X				
Craft well-justified, well-organized papers that a) reconstruct arguments contained in a text, b) critically evaluate the plausibility of the premises and inferences, and c) offer their own arguments in response to questionable arguments in the target text.		X	X				