

AAS.RES				
COURSE	Course SLOs	Program Goal	Didactic or Clinical	Sem./Yr. in Assessment Cycle
RES101 Introduction To Respiratory Care	1. The student will be able to write and understand the AARC statement of ethics and professional conduct.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2016
RES101 Introduction To Respiratory Care	2. The student will understand the importance and legal ramifications of HIPPA guidelines and how it applies to patient care.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2016
RES101 Introduction To Respiratory Care	3. The student will demonstrate the ability to define the etiology, pathophysiology, physical exam, and typical laboratory findings for common pulmonary diseases.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2017
RES101 Introduction To Respiratory Care	4. The student will demonstrate the ability to identify isolation techniques and infection control procedures used in the hospital setting and their purpose.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2017
RES101 Introduction To Respiratory Care	5. The student will demonstrate the ability to differentiate the manual resuscitation and airway care equipment used in respiratory care.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2018
RES101 Introduction To Respiratory Care	6. Demonstrate the ability to perform Mucus clearance techniques.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2018
RES 111 Pathophysiology	1. The student will be able to identify the components and meaning of the findings from a thorough patient assessment.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	D	Fall 2016
RES 111 Pathophysiology	2. The student will be able to define the elements and diagnosis of respiratory failure.	Communication: Demonstrate effective communication with the patient, families and the healthcare team.	D	Fall 2016
RES 111 Pathophysiology	3. Describe process for applying ethical principles and legal guidelines for care mental health clients and families.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 2017
RES 111 Pathophysiology	4. The student will be able to identify the etiology, pathophysiology, clinical features and treatment of the following disease states:	Communication: Demonstrate effective communication with the patient, families and the healthcare team.	D	Fall 2018
RES 111 Pathophysiology	5. The student will be able to identify the etiology, pathophysiology, clinical features and treatment of the following disease states:	Communication: Demonstrate effective communication with the patient, families and the healthcare team.	D	Fall 2018
RES 121 Respiratory Skills I	1. Demonstrate the importance of safe, appropriate and effective delivery, handling, storage and transport of medical gas.	Communication: Demonstrate effective communication with the patient, families and the healthcare team.	D	Fall 2016
RES 121 Respiratory Skills I	2. Demonstrate safe aseptic technique throughout the delivery of a respiratory treatment.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	D	Fall 2016
RES 121 Respiratory Skills I	3. Demonstrate the ability to perform and evaluate a patient assessment before and after the administration of a Respiratory Treatment.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	D	Fall 2017
RES 121 Respiratory Skills I	4. Identify the key components of an appropriate review of a patient medical history prior to administration respiratory care.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2017

RES 121 Respiratory Skills I	5. Demonstrate the ability to perform a written example of patient charting information for the application of the performed Respiratory therapy treatment.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2018
RES 121 Respiratory Skills I	6. Analyze a patient case scenario, determine if the Respiratory therapy is indicated or contraindicated.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 2018
RES 123 Cardiopulmonary Physiology	1. Demonstrate in writing and verbally the ability to identify the anatomical components of the cardiopulmonary system.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2016
RES 123 Cardiopulmonary Physiology	2. Identify and label lung segments from the anterior, posterior, lateral and medial views.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2016
RES 123 Cardiopulmonary Physiology	3. Describe in writing and verbally the factors that affect hemodynamics, diffusion, ventilation, oxygen transport, carbon dioxide transport and acid base balance.	Communication: Demonstrate effective communication with the patient, families and the healthcare team.	D	Fall 2017
RES 123 Cardiopulmonary Physiology	4. Demonstrate the ability to perform math calculations to evaluate oxygenation and acid base balance.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 2017
RES 123 Cardiopulmonary Physiology	5. Develops a client centered plan of care to promote self-care management and wellness.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2018
RES 123 Cardiopulmonary Physiology	6. Performs assessments and delivers appropriate care for assigned adult clients in the healthcare setting.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	C	Fall 2018
RES 131 Cardiopulmonary Diagnostics	1. Demonstrate the ability to calibrate a spirometer using current ATS guidelines.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2017
RES 131 Cardiopulmonary Diagnostics	2. The student will demonstrate the ability to identify the criteria established by ATS for Acceptability and Repeatability for spirometry.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2017
RES 131 Cardiopulmonary Diagnostics	3. The student will be demonstrate the ability properly calibrate a pneumotachometer using a 3 liter calibration syringe at 1s, 3s, 6s prior to patient testing.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018
RES 131 Cardiopulmonary Diagnostics	4. Demonstrate the ability to perform an arterial blood gas according to AARC guidelines and interpret the blood gas.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018
RES 131 Cardiopulmonary Diagnostics	5. Demonstrate the ability to perform sterile suctioning according to AARC guidelines.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2019
RES 141 Respiratory Skills III	1. Demonstrate the ability to identify the pressure gradients created during normal spontaneous breathing, positive and negative pressure ventilation and their effects on the cardiopulmonary system.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Summer 17
RES 141 Respiratory Skills III	2. Demonstrate the ability to perform initial vent pre-use safety check.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Summer 17
RES 141 Respiratory Skills III	3. Demonstrate the ability to perform initial vent set-up, and identify the ventilator graphic waveforms and their related importance to patient vent care.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Summer 18
RES 141 Respiratory Skills III	4. Demonstrate the ability to perform a ventilator patient assessment for both the patient and the ventilator.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Summer 18

RES 141 Respiratory Skills III	5. Perform an optimal PEEP study and identify the appropriate level of PEEP and FIO2 based on ABG values, lung compliance, airway resistance, and optimal PEEP level.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Summer 19
RES 141 Respiratory Skills III	6. Identify the criteria needed to assess to verify if a patient is ready for weaning from a Mechanical Ventilator	3 & 4	D	Summer 19
RES 151 Clinical Applications	1. Demonstrate the ability to identify the key components of a patient chart review and successfully apply that information to determine if the therapy was indicated or contra-indicated.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2017
RES 151 Clinical Applications	2. Demonstrate the ability to identify the key components of a patient chart review and successfully apply that information to determine if the therapy was indicated or contra-indicated.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2017
RES 151 Clinical Applications	3. Demonstrate the ability to perform a mucous clearance adjunct therapy and perform a pre and post treatment patient assessment and interpret the results.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2018
RES 151 Clinical Applications	4. Demonstrate the ability to perform medication aerosol treatment with a pre and postpatient assessment and interpret the results.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2018
RES 151 Clinical Applications	5. Demonstrate the ability to perform Oxygen therapy treatment and postpatient assessment and interpret the patient response.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2019
RES 152 Clinical Applications II	1. Demonstrate the ability to record accurate, consistent and complete documentation of respiratory care services.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Spring 2017
RES 152 Clinical Applications II	2. Demonstrate the ability to perform a patient assessment, and apply critical decision making skills to determine the patient's cardio-pulmonary diagnosis, based on the presentation.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2017
RES 152 Clinical Applications II	3. Demonstrate the ability to perform and arterial blood gas and interpret the abg, and based on the student's clinical findings, suggest modifications to the patient's current respiratory care based on AARC CPG's and the clinical affiliates patient care policies.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2018
RES 152 Clinical Applications II	4. Communicate effectively with respiratory preceptors, as well as all other members of the health care team. As well as serving all persons while in clinical rotations without discrimination by acknowledging and appreciating diversity.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Spring 2018
RES 152 Clinical Applications II	5. Demonstrate the ability to perform sterile suctioning or ballard suctioning based on the student's clinical findings, suggest modifications to the patient's current respiratory care based on AARC CPG's and the clinical affiliates patient care policies	1 & 3	C	Spring 2019
RES 152 Clinical Applications II	6. Demonstrate the ability to communicate effectively with respiratory preceptors, to receive and give a successful patient care shift report.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Spring 2019

RES 204 Neonatal/Pediatric Care	1. The student will demonstrate the ability to perform an infant assessment and assigning an appropriate Apgar score of new birth infant.	Communication: Demonstrate effective communication with the patient, families and the healthcare team.	D	Spring 2017
RES 204 Neonatal/Pediatric Care	2. The student will demonstrate the ability to set up for high risk delivery and apply the neonatal resuscitative algorithm.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Spring 2017
RES 204 Neonatal/Pediatric Care	3. The student will demonstrate the calibrate, set up and use the Neopuff on an infant.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Spring 2018
RES 204 Neonatal/Pediatric Care	4. The student will demonstrate the ability to perform resuscitation using current NRP guidelines.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018
RES 204 Neonatal/Pediatric Care	5. The student will be able demonstrate the ability to perform a neonatal vent set up using a pressure limited volume variable ventilator.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Spring 2019
RES 204 Neonatal/Pediatric Care	6. The students will demonstrate the ability to apply PALS principles in a simulated case situation.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Spring 2019
RES 232 Respiratory Therapeutics	1. Describe each of the COPD categories as described by the Global Initiative Criteria for COPD, "GOLD" International project and identify the treatment plans for each category.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 2016
RES 232 Respiratory Therapeutics	2. Identify the risk factors associated with smoking, list current smoking cessation and identify the Respiratory Therapists role in these government sponsored programs.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 2016
RES 232 Respiratory Therapeutics	3. Identify the role of the respiratory therapist in understanding microbiology bacteria & fungi & viral organization identification as related to Respiratory Care Infection Control.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2017
RES 232 Respiratory Therapeutics	4. Identify the importance of each of the alternative settings, acute, sub-acute, and the importance of the discharge planning team, equipment choices in providing the best outcomes for home care based on patient case scenario.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 2017
RES 232 Respiratory Therapeutics	5. Demonstrate the ability to identify & troubleshoot life threatening or unsafe patient/ventilator situations (Auto PEEP) Air trapping and take appropriate corrective action to restore a safe ventilation environment for the patient.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 2018
RES 232 Respiratory Therapeutics	6. Demonstrate the ability to assess and evaluate the patient's readiness to wean based on the following: vital signs, blood lab data, and pulmonary mechanics.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Fall 2018
RES 236 Cardiopulmonary Diagnostics	1. Demonstrate the ability to describe and discuss the importance of reviewing patient history prior to selecting the appropriate PFT measurement tool.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Spring 2017
RES 236 Cardiopulmonary Diagnostics	2. Demonstrate the ability to accurately interpret a pre & post bronchodilator spirometry study and identify if the patient response was or was not significant.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2017

RES 236 Cardiopulmonary Diagnostics	3. Demonstrate the ability to evaluate PFT testing components, Spirometry, Indirect Lung Volumes and Difussion Studies (DLCO) and interpret the findings as Normal, Obstructive Restrictive, Mixed, Air Trapping or diffusion impairment is present.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018
RES 236 Cardiopulmonary Diagnostics	4. Demonstrate the ability to apply evidence-based best practice skills for making appropriate clinical decisions for the patients receiving various respiratory care modalities.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018
RES 236 Cardiopulmonary Diagnostics	5. Demonstrate the ability to perform the 6 Minute walk test according to ATS guidelines and interpret the results as normal or abnormal requiring further treatment.	Communication: Demonstrate effective communication with the patient, families and the healthcare team.	C	Spring 2019
RES 236 Cardiopulmonary Diagnostics	6. Identify the 4 Stages of Sleep, based on Alpha, Beta, Delta, Sleep Spindles and Rem cycle waveforms and identify if an Obstructive, Central or Mixed sleep apnea is present.	Communication: Demonstrate effective communication with the patient, families and the healthcare team.	C	Spring 2019
RES 244 Advanced Respiratory Skills I	1. Demonstrate the ability to identify and or define basic hemodynamic monitoring terms, such as; equipment, cardiac locations, and measurement terms PCWP, PAP, MAP.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2017
RES 244 Advanced Respiratory Skills I	2. Identify the physiologic cardiopulmonary factors that can increase and decrease the pulmonary vascular resistance.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2017
RES 244 Advanced Respiratory Skills I	3. Identify the following ECG's tracings: Normal sinus rhythm, Sinus Tachycardia, Sinus Bradycardia, Asystole, Premature Ventricular Contractions, Bigeminy, Trigeminy, 1st degree A-V Block, Mobitz 1 A-V Block, Mobitz 2 A-V block, and 3rd Degree A-V block.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018
RES 244 Advanced Respiratory Skills I	4. Demonstrate the ability to perform a Bi-Vent patient assessment and demonstrate the ability to assess the adequacy of the ventilation and oxygenation status based on Bi-Vent settings.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018
RES 244 Advanced Respiratory Skills I	5. Demonstrate the ability to identify & troubleshoot life threatening or unsafe patient/ventilator situations (Auto PEEP) Air trapping and take appropriate corrective action to restore a safe ventilation environment for the patient.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2019
RES 244 Advanced Respiratory Skills I	6. Demonstrate the ability to assess and evaluate the patient's readiness to wean based on the following: vital signs, blood lab data, and pulmonary mechanics.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2019
RES 246 Respiratory Therapeutics	1. Identify the airway pharmacologic terms and drug sources.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2017
RES 246 Respiratory Therapeutics	2. Discuss the phases of drug action.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2017
RES 246 Respiratory Therapeutics	3. Perform drug calculations related to respiratory care.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018
RES 246 Respiratory Therapeutics	4. Identify the cardiovascular drugs related to respiratory care and when they are appropriate to use.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2018

RES 246 Respiratory Therapeutics	5. Identify & Discuss the use of sedatives, analgesics and respiratory stimulants on related to their use on respiratory care patients.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2019
RES 246 Respiratory Therapeutics	6. Identify & Discuss the use of Corticosteroids, Antimicrobials and other miscellaneous drugs related to their use on respiratory care patients.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Spring 2019
RES 249 Comprehensive Applications	1. Demonstrate ability to evaluate the mechanically ventilated patient, determine the effectiveness of the ventilation, oxygenation and make appropriate recommendations based on vent patient scenario and optimal PEEP study.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 16
RES 249 Comprehensive Applications	2. Demonstrate the ability to interpret ventilator graphics and make the necessary ventilator setting changes to safely deliver supported or control breaths.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 16
RES 249 Comprehensive Applications	3. Identify the steps required to safely set-up and administer Non-invasive Ventilation according AARC CPG.	Technology & Innovation: Effectively use technology and implement innovation processes as it relates to Respiratory Care.	D	Fall 17
RES 249 Comprehensive Applications	4. Demonstrate the ability to analyze & evaluate the patient is being non-invasively mechanically ventilated, and determine the effectiveness of the ventilation and oxygenation.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 17
RES 249 Comprehensive Applications	5. Discuss the special issues to relate to establishing mechanical ventilation in various pulmonary disease states.	3 & 4	D	Fall 18
RES 249 Comprehensive Applications	6. Demonstrate the ability to analyze & evaluate a patient case scenario, gather appropriate information, analyze data, and determine if the particular Respiratory Care therapy/plan is appropriate and recommend changes.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	D	Fall 18
RES 251 Clinical Applications III	1. Demonstrate the ability to record accurate, consistent and complete documentation of respiratory care services.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Fall 2016
RES 251 Clinical Applications III	2. Demonstrate the ability to perform a patient assessment, and apply critical decision making skills to determine the patient's cardio-pulmonary diagnosis, based on the patient ventilator assessment to reach appropriate conclusions about the patient's pulmonary status as it relates to Lung Compliance and Airway Resistance.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Fall 2016
RES 251 Clinical Applications III	3. Demonstrate the ability to perform a complete vent patient assessment, lung compliance and airway resistance study, analyze current ABG's and evaluate current ventilator settings, and based on the student's clinical findings, suggest modifications to the patient's current mechanically ventilatory settings based on AARC CPG's and the clinical affiliates patient care policies.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Fall 17

RES 251 Clinical Applications III	4. Communicate effectively with respiratory preceptors, as well as all other members of the health care team. As well as serving all persons while in clinical rotations without discrimination by acknowledging and appreciating diversity.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Fall 17
RES 251 Clinical Applications III	5. Demonstrate the ability to accurately complete a written example of a full ventilator assessment sheet / charting.	1 & 3	C	Fall 18
RES 251 Clinical Applications III	6. Demonstrate the ability to communicate effectively with respiratory preceptors, to receive and give a successful patient care shift report.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Fall 18
RES 265 Advanced Clinical Applications I	1. Demonstrate the ability to record accurate, consistent and complete documentation of respiratory care services.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Spring 2017
RES 265 Advanced Clinical Applications I	2. Demonstrate the ability to perform a patient assessment, and apply critical decision making skills to determine the patient's cardio-pulmonary diagnosis, based on the patient ventilator assessment to reach appropriate conclusions about the patient's pulmonary status as it relates to Lung Compliance and Airway Resistance.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2017
RES 265 Advanced Clinical Applications I	3. Demonstrate the ability to perform a complete vent patient assessment, lung compliance and airway resistance study, analyze current ABG's and evaluate current ventilator settings, and based on the student's clinical findings, suggest modifications to the patient's current mechanically ventilatory settings based on AARC CPG's and the clinical affiliates patient care policies.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Spring 2018
RES 265 Advanced Clinical Applications I	4. Communicate effectively with respiratory preceptors, as well as all other members of the health care team. As well as serving all persons while in clinical rotations without discrimination by acknowledging and appreciating diversity.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Spring 2018
RES 265 Advanced Clinical Applications I	5. Demonstrate the ability to accurately complete a written example of a full ventilator assessment sheet / charting.	1 & 3	C	Spring 2019
RES 265 Advanced Clinical Applications I	6. Demonstrate the ability to perform a complete vent patient weaning assessment, lung compliance and airway resistance study, analyze current ABG's and evaluate current ventilator settings, and based on the student's clinical findings, suggest modifications to the patient's current mechanically ventilatory settings based on AARC CPG's and the clinical affiliates patient care policies.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Spring 2019
RES 276 Clinical Applications II	1. Demonstrate the ability to record accurate, consistent and complete documentation of respiratory care services.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Summer 17

RES 276 Clinical Applications II	2. Demonstrate the ability to perform a patient assessment, and apply critical decision making skills to determine the patient's cardio-pulmonary diagnosis, based on the patient ventilator assessment to reach appropriate conclusions about the patient's pulmonary status as it relates to Lung Compliance and Airway Resistance.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Summer 17
RES 276 Clinical Applications II	3. Demonstrate the ability to perform a complete vent patient assessment, lung compliance and airway resistance study, analyze current ABG's and evaluate current ventilator settings, and based on the student's clinical findings, suggest modifications to the patient's current mechanically ventilatory settings based on AARC CPG's and the clinical affiliates patient care policies.	Critical Thinking: Utilize critical thinking to care for and advocate for patients and their families.	C	Summer 18
RES 276 Clinical Applications II	4. Communicate effectively with respiratory preceptors, as well as all other members of the health care team. As well as serving all persons while in clinical rotations without discrimination by acknowledging and appreciating diversity.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Summer 18
RES 276 Clinical Applications II	5. Demonstrate the ability to accurately complete a written example of a full ventilator assessment sheet / charting.	1 & 3	C	Summer 19
RES 276 Clinical Applications II	6. Demonstrate the ability to communicate effectively with respiratory preceptors, to receive and give a successful patient care shift report.	Integration: Apply didactic knowledge and psychomotor skills in the clinical environment to provide holistic patient care.	C	Summer 19

Florence-Darlington Technical College

Respiratory Care Program

Assessment-Systematic Evaluation Plan

Program Student Learning Outcome: Critical Thinking

Assess, plan, implement, evaluate, and document programs and activities to benefit individual patient needs.

Course Number	Course Student Learning Outcome	Assessment Method	Benchmark	Actual Level of Achievement	Action Plan	Time Interval
RES 121	The student will demonstrate the ability to perform appropriate handwashing technique and identify the #1 cause of nosocomial infections.	Handwashing Lab Practical Quiz utilizing the Data Arc Handwashing Rubric	80% will receive a passing grade	100	Add an additional requirement to the current rubric handwashing Lab Practical Rubric module, emphasizing the importance of maintaining aseptic technique throughout the entire period of performing respiratory care procedures on the patient. .	Fall 2017
RES 121	Identify the O2 delivery device's FiO2 stability and determine the O2 Device category as either a High Flow or Low Flow.	O2 Flash Cards Quiz O2 Device Quiz O2 Unit Test	80% will receive a passing grade	95	Modify Flash Card Format to include: O2 device Indications, Contra-Indications and Meets Pt flow need. Modify O2 Device Quiz to include questions focused on O2 device application & verification of appropriate function O2 Unit Test to include questions focused on O2 device application & verification of appropriate function.	Fall 2017
RES 232	Identify the 4 COPD categories described by the Global Initiative Criteria "GOLD" and determine the recommended respiratory treatment plan for each category.	GOLD Assessment Tool Quiz	80% will receive a passing grade	91	Modify unit presentation to include; pt case scenarios that focus on each of the four COPD GOLD Categories. Students perform the PFT calculations, discuss the correct classification of the FVC, FEV1, FEV1% results, and assign the corresponding treatment plan then present to the class.	Fall 2017
RES 232	Identify risk factors associated with smoking, list current smoking cessation support services and identify the Respiratory Therapists role in these government sponsored programs.	Smoking Cessation & Support Services Quiz	80% will receive a passing grade	90	Provide pt case scenarios that focus on each of the risk factors associated with smoking. Discuss why that particular risk factor is present and the ethical responsibility of the Respiratory therapist. Suggest appropriate smoking cessation program and follow up required. Include questions on quiz that require applying the knowledge gained in an ethical and responsible manner.	Fall 2017
RES 249	Analyze a mechanically ventilated patient and determine the cause for an elevated Peak Inspiratory	Mechanical Ventilation	80% will receive a passing grade	80	Provide students hands on ventilator / patient case scenario	Fall 2017

	Pressures, as it relates to Airway Resistance or Lung Compliance issue.	Patient case study quiz.			Students will obtain accurate the ventilator measurements, (VTexh, PIP, Plateau Pressure) while the instructor visually shows the student effects of narrowing airway, relaxing smooth muscle or stiffening of the patient lung. Focus on each of the measurements, formula application and discuss the results and assign cause & effect of treatment options.	
RES 249	The student will analyze and interpret patient ventilator graphics, and recommend needed adjustments to safely deliver mechanically delivered pressure supported or control breaths.	Vent Graphics quiz.	80% will receive a passing grade	72	Modify unit presentation to include; students hands on ventilator / patient case scenario, necessitating the students to obtain accurate the ventilator user interface screen shots that correlate with each advanced ventilator graphic.	Fall 2017
RES 251	The student will demonstrate the ability to communicate effectively with respiratory preceptors, as well as all other members of the health care team.	Data Arc preceptor affective communication evaluation report.	80% of students achieve the required Benchmark 3.0 score on a 5 pt Likert Scale.	85	Provide students an earlier introduction period, conducted the week prior to being assigned to the actual new clinical area and or new clinical preceptors whenever possible.	Fall 2017
RES 251	The student will demonstrate the ability accurately record, and complete the require productivity documentation of respiratory care services.	Assess the Data Arc Daily Log preceptor validation records report.	80% of students achieve the required Benchmark 3.0 score on a 5 pt Likert Scale.	80	Provide students earlier feedback during semester by having the students run their own daily log productivity reports and perform a productivity reconciliation report on themselves at the end of each month in clinic.	Fall 2017