Course Syllabus

COURSE:	RSPT 2453.200 Neonatal/Pediatric Cardiopulmonary Care	
SEMESTER:	Fall 2026 Amended 10/9/2026	
CLASS TIMES:	Tuesday/Thursday 11:00AM -12:20PM	
LAB TIMES:	Tuesday or Thursday 12:30 PM – 1:50 PM	
INSTRUCTOR:	Rachael Kiser, BSRC, RRT, RRT-NPS	
OFFICE:	Reese Center, Building 2, Room 223D	
OFFICE HOURS:	Monday & Wednesday:	1:00 PM – 3:00 PM
	Tuesday & Thursday:	9:00 AM – 11:00 AM
	Friday:	By appointment only
	Other times by appointment	
OFFICE PHONE:	806-716-2620	
E-MAIL:	rkiser@southplainscollege.edu	

"South Plains College improves each student's life."

GENERAL COURSE INFORMATION

*It is the responsibility of each student to be familiar with the content and requirements listed in the course syllabus, SPC Student Handbook, and Program Handbook. *

COURSE DESCRIPTION

A study of neonatal and pediatric cardiopulmonary care that covers advanced concepts of acute care, monitoring, and management as applied to the neonatal and pediatric patient.

COURSE OBJECTIVES AND LEARNING OUTCOMES

COURSE OBJECTIVES

1. The student will develop the ability to make decisions in the neonatal/pediatric environment, specifying therapeutic goals, considering treatment alternatives, considering risks, and choosing the best treatment approach. (F-8)
2. The student will recognize common problems in neonatal/pediatric respiratory care and design an appropriate plan of action. (F-9)
3. The student will gain an understanding of the cardiopulmonary development from the fetal period through childhood, including the development and function of the integral parts. (F-1, F-2, F-10)
4. The student will develop the ability to evaluate and interpret the data acquired from a prenatal and perinatal history, and gain an understanding of the transition from fetus to neonate. (C-5, C-6, C-7, C-8)
5. The student will acquire data through physical examination and laboratory and radiologic assessment of a child, and use this data to determine the cause and treatment of common pediatric pulmonary disorders. (F-10, F-11, F-12, C-5, C-6, C-7, C-8)
6. The student will acquire data through physical examination and laboratory and radiologic assessment of a child, and use this data to determine the cause and treatment of common congenital cardiac defects. (F-10, F-11, F-12, C-5, C-6, C-7, C-8)
7. The student will gain an understanding of the non-invasive monitoring of children, including the selection of equipment, understanding proper set-up and operation of that equipment, distinguishing trends in data, and troubleshooting malfunctions. (C-16, C-18, C-19, C-20)
8. The student will gain an understanding of the various pediatric/neonatal respiratory treatment modalities, including the selection of equipment, understanding proper set-up and operation of that equipment, distinguishing trends in data, and troubleshooting malfunctions. (C-16, C-18, C-19, C-20)
9. The student will gain an understanding of the use of continuous distending pressure and mechanical ventilation in children, including the selection of equipment, understanding proper set-up and operation of that equipment, distinguishing trends in data, and troubleshooting malfunctions. (C-16, C-18, C-19, C-20)

STUDENT LEARNING OUTCOMES
Describe fetal development and transition to extrauterine life; assess maternal and fetal history; modify therapy to neonatal/pediatric patients; describe the etiology, pathophysiology, clinical manifestations and management of neonatal/pediatric disorders; and analyze, interpret and apply patient data in selective patient care settings.

OUTCOME ASSESSMENT METHODS
Assessment methods for this course are both formative and summative.

Formative assessments include:
- Unit Exams
- Written Assignments
- Quizzes
- Lab Competencies
- Other Projects Assigned

Summative assessments include:
Comprehensive Final Exam

GRADING FORMULA
Grades in this course will be determined using the following criteria:

Assessment Tool	%
Lab Competencies	25%
Unit Assignments/Simulations/Quizzes	10%
Unit Exams	40%
Final Examination	25%

Percentage Score	Grade
90-100	**A**
80-89	**B**
75-79	**C**
65-74	D
0-64	F

GRADING POLICIES
To successfully complete this course, students are required to achieve a grade of **75% or higher**. Those who do not meet this passing requirement will not be permitted to proceed within the SPC program.

ASSIGNMENT SUBMISSION POLICY
LAB COMPETENCIES (25%)

1. Students must complete laboratory exercises during lab time, individually or in small groups, as assigned. Laboratory exercises and skills practice allow the student to apply the reading and lecture material to the actual performance of skills.

2. Students will be required to successfully complete the following competencies in lab:

Mandatory Competencies for RSPT 2453

Major Study	Procedure
Neonatal Critical Care	Capillary Sampling
Neonatal Critical Care	Nasal CPAP
Neonatal Critical Care	Oxyhood
Neonatal Critical Care	Routine Ventilator Check
Neonatal Critical Care	Vital Signs
Pediatric Critical Care	Infant Setup and Ventilate via Mask
Pediatric Critical Care	Routine Ventilator Check
Pediatric Floor	Chest Assessment
Pediatric Floor	Chest Physiotherapy
Pediatric Floor	Nasal Cannula
Pediatric Floor	Nasotracheal Suctioning
Pediatric Floor	Pulse Oximetry
Pediatric Floor	Small Volume Nebulizer
Pediatric Floor	Vital Signs
Pediatric/Neonatal Critical Care	Extubation
Pediatric/Neonatal Critical Care	In-Line Suctioning
Pediatric/Neonatal Critical Care	Manual Ventilation via Endotracheal Tube
Pediatric/Neonatal Critical Care	Securing Artificial Airway
Pediatric/Neonatal Critical Care	Ventilator Parameter Change
Pediatric/Neonatal Critical Care	Ventilator Set-Up

All competencies will be documented in Trajecsys by the SPC instructor evaluating the student. The student is not considered proficient in lab competencies until a satisfactory rating has been achieved. The student will be evaluated as:

-Satisfactory (100%) - Ready for clinical application with minimal supervision. **Performed the procedure accurately, safely, independently, and within an acceptable timeframe.**

-Unsatisfactory performance (0%) - Not ready for clinical application.

Requires remediation under one of the following categories:

- **Unsatisfactory 1st attempt (0%):** Requires additional lab practice and complete re-evaluation of the procedure. If the student receives Unsatisfactory on 1st attempt, the student may attempt the competency on another lab day after reviewing the procedure, unless notified otherwise by the instructor. An Unsatisfactory 1st attempt will be documented in Trajecsys and a grade of zero (0%) will be recorded in the gradebook.
- **Unsatisfactory 2nd attempt (0%):** Requires additional lab practice and complete re-evaluation of the procedure. If the student receives an Unsatisfactory on 2nd attempt, the student must attempt the competency on another lab day after meeting with the instructor and following a documented remediation plan. The documented remediation plan will be customized to meet the students' deficiencies. An Unsatisfactory 2nd attempt will be documented in Trajecsys, a grade of zero (0%) will be recorded in the gradebook, and 3rd attempt will be recorded for verification.
- **Unsatisfactory 3rd attempt (0%):** The student will meet with the instructor to review the unsatisfactory items documented in the recording. The student is unable to proceed with the program but will be allowed to withdraw from the course with a "W". If the student chooses not to withdraw personally, they will receive an "F" for the course.

Each competency attempt will be scored as "Satisfactory (100%)" or "Unsatisfactory (0%)" and included in the Lab Competency Grade. Students must complete every competency with a Satisfactory rating to complete the course.

Failure to complete all competencies with satisfactory performance will jeopardize the student's ability to continue in the program.

ASSIGNMENTS (10%)

Students are expected to maintain a reading schedule at home to keep current with classroom discussions. We also encourage reviewing the OneVision supplemental content prior to coming to class. Content-specific links will be provided in Blackboard. Unit assignments, simulations, and quizzes will be posted in Blackboard with due dates. **Late assignments will not be accepted.**

UNIT EXAMS (40%)

There will be four unit exams. Make-up exams will not be given, and no exams will be dropped.

FINAL EXAMINATION (25%)

The Final Exam will be comprehensive.

EXAM POLICY & COMPUTERIZED TESTING

We will be utilizing Honorlock within Blackboard Ultra to administer exams. You will need to have a working camera on your computer to take these exams. In the event technical problems arise there is a chat help option within the exam and an exam proctor to assist with these problems. Basic calculators will be provided during the exam within the exam. Restrictions regarding computerized testing will be set by the instructor within Honorlock to ensure academic integrity and review of testing as necessary.

Honorlock Best Practices for Test Takers

STUDENT CONDUCT

Rules and regulations relating to the students at South Plains College are made with the view of protecting the best interests of the individual, the general welfare of the entire student body, and the educational objectives of the college. As in any segment of society, a college community must be guided by standards that are stringent enough to prevent disorder, yet moderate enough to provide an atmosphere conducive to intellectual and personal development. A high standard of conduct is expected of all students. When a student enrolls at South Plains College, it is assumed that the student accepts the obligations of performance and behavior imposed by the college relevant to its lawful missions, processes, and functions. Obedience to the law, respect for properly constituted authority, personal honor, integrity, and common sense guide the actions of each member of the college community both in and out of the classroom. Students are subject to federal, state, and local laws, as well as South Plains College rules and regulations. A student is not entitled to greater immunities or privileges before the law than those enjoyed by other citizens. Students are subject to such reasonable disciplinary action as the administration of the college may consider appropriate, including suspension and expulsion in appropriate cases for breach of federal, state, or local laws, or college rules and regulations. This principle extends to conduct off-campus which is likely to have adverse effects on the college or on the educational process which identifies the offender as an unfit associate for fellow students. Any student who fails to perform according to expected standards may be asked to withdraw.

Rules and regulations regarding student conduct appear in the current Student Guide.

SPC Catalog – Student Conduct

In addition, students are expected to follow the ethics and rules of professional conduct as outlined in the Respiratory Care Program Student Handbook. Unprofessional conduct on a student's part, as outlined in the student handbook, may result in dismissal from their respective program or class.

ACADEMIC INTEGRITY

SPC Catalog – Academic Integrity

It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of a student to present as their own any work which they have not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly academic or disciplinary suspension. Initial offenses of cheating and plagiarism are considered academic discipline and are managed on a case-by-case basis by the faculty and academic administration through SPC Policy FAC - Academic Appeals Procedure.

CHEATING

Dishonesty of any kind on examinations or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination, obtaining information during an examination from the textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in an office are examples of cheating. Complete honesty is required of the student in the presentation of any and all phases of coursework. This applies to quizzes of whatever length, as well as to final examinations, daily reports, and term papers.
A **0 or F** will be given on any assignment or test, that cheating was utilized. Offenders may be liable for being dropped from the course at the discretion of the instructor.

PLAGIARISM
Offering the work of another as one's own, without proper acknowledgment, is plagiarism; therefore, any student who fails to give credit for quotations or essentially identifiable expression of material taken from books, Internet resources, encyclopedias, magazines and other reference works, or from the themes, reports or other writings of a fellow student, is guilty of plagiarism. This class will be using Turnitin as a means to score assignment plagiarism scores. A plagiarism score of 15% - 20% is considered acceptable. **If found cheating or plagiarizing, the student's future in this program will be based on the decisions from the Allied Health Departmental Director's Committee.**

AI-GENERATED CONTENT
While all assignments are expected to be the original work of the student, with
EXPRESS content of the DCE, the use of Artificial Intelligence (AI – ChatGPT, Bard, Bing, etc.) in the course is allowed. Acceptable AI use in this class includes one or more of these:
• Brainstorming & Researching: Use AI to generate research articles or summaries on disease processes or lab values.
• Fact-checking: Verify information by checking sources with the use of different AI tools.
• Language assistance: Use AI to help with grammar and clarity in writing.
In the event you utilize AI for any of the above, you MUST properly cite the generated AI content you used in your assignment. This class will be using Turnitin, and as a means to score assignments, AI-generated content scores. An AI-generated content score of 15% - 20% is considered acceptable.
Failure to follow this guidance and the use of AI beyond the boundaries stated is a violation of the SPC Academic Integrity policies.

ATTENDANCE

CLASSROOM ATTENDANCE
It is imperative that students in all programs adhere to this attendance policy. Consistency in attendance expectations ensures that all students have a fair and equitable opportunity to succeed in their academic endeavors.

- Regular attendance is mandatory for all classes. Students are expected to attend all scheduled class sessions, including lectures, labs, and other instructional activities.
- Students who accumulate excessive absences may face consequences that impact their grades and overall success in the program.

Students are expected to attend all classes in order to be successful in a course. The student may be administratively withdrawn from the course when absences become excessive as defined in the course syllabus. When an unavoidable reason for class absence arises, such as illness, an official trip authorized by the college or an official activity, the instructor may permit the student to make up work missed. It is the student's responsibility to complete work missed within a reasonable period of time as determined by the instructor. Students are officially enrolled in all courses for which they pay tuition and fees at the time of registration. Should a student, for any reason, delay in reporting to a class after official enrollment, absences will be attributed to the student from the first class meeting.

Students who enroll in a course but have "Never Attended" by the official census date, as reported by the faculty member, will be administratively dropped by the Office of Admissions and Records. A student who does not meet the attendance requirements of a class as stated in the course syllabus and does not officially withdraw from that

course by the official census date of the semester, may be administratively withdrawn from that course and receive a grade of "X" or "F" as determined by the instructor. Instructors are responsible for clearly stating their administrative drop policy in the course syllabus, and it is the student's responsibility to be aware of that policy. It is the student's responsibility to verify administrative drops for excessive absences through MySPC using his or her student online account. If it is determined that a student is awarded financial aid for a class or classes in which the student never attended or participated, the financial aid award will be adjusted in accordance with the classes in which the student did attend/participate and the student will owe any balance resulting from the adjustment.

SPC Academic Catalog – Class Attendance
Regular attendance is necessary to successfully meet the course objectives. The student is responsible for all classwork covered during absences from class. Students are expected to be in class on time. A student is tardy if he/she arrives more than 5 minutes after class begins. If a student is tardy to class three times, it will be counted as one absence. It is the student's responsibility to inform the instructor of the reason for an absence and to do so in a timely fashion. A student may be administratively withdrawn from the course if he/she has more than **three** absences from class and the instructor determines the student is unable to successfully meet the course objectives. **Work schedule** is **not** an excuse for missing class.

In extenuating circumstances, students are allowed to attend class virtually if not able to attend in the traditional classroom. Students attending virtually are required to be in a learning environment, present for the entirety of the class, and visible on camera at all times to be considered "present". Should students opt to have their camera off, not be dressed in appropriate attire, not be in an appropriate learning environment, or not be present for the entirety of the class, the instructor will consider this a classroom absence.

Again, virtual attendance will be allowed only under approved circumstances. Students must notify the instructor at least one hour before the class starts and receive instructor approval before attending virtually.
Tardy students are asked to respect their peers and enter the classroom quietly in order not to disrupt the class. Students who are late for a class starting with an examination will not be given additional time to complete the exam. Students who are more than 15 minutes late to class will be marked absent.
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Again, virtual attendance will be allowed only under approved circumstances. Students must notify the instructor at least one hour before the class starts and receive instructor approval before attending virtually.
Tardy students are asked to respect their peers and enter the classroom quietly in order not to disrupt the class. Students who are late for a class starting with an examination will not be given additional time to complete the exam. Students who are more than 15 minutes late to class will be marked absent.

SKILLS LAB ATTENDANCE
Skills lab sessions are conducted on Tuesday and/or Thursday. Students are solely responsible for documenting their attendance in Trajecsys for the skills lab. Students are required to attend sessions based on the schedule provided in Blackboard and are **allowed 1 skills lab absence**. It is the student's responsibility to inform the instructor at least one hour before the lab start time of the reason for an absence. Students are required to document the occurrence in Trajecsys within 24 hours of the absence and obtain the content missed from the provided resources.

Competency check-offs missed will have to be coordinated with the Skills Lab Instructor at the Instructor's convenience. **Any additional skills lab absence is a 2-point deduction per occurrence from the student's final grade for RSPT 2453.** Students cannot proceed in the program unless all competencies are successfully completed.

To ensure successful completion of lab activities, students are expected to arrive on time. Students who arrive late assume responsibility for any missed content and must seek appropriate resources to make up the material. The Skills Lab Instructor is not obligated to repeat or reteach material that was covered before the student's arrival. A student is tardy if he/she arrives more than 5 minutes after lab instruction begins. If a student is tardy to lab three times, it will be counted as one skills lab absence. Tardy students are asked to respect their peers and enter the

skills lab quietly in order not to disrupt the class. Students who are more than 15 minutes late for the skills lab instruction will be marked absent.

COMMUNICATION

Electronic communication between the instructor and students in this course will utilize the South Plains College "My SPC", email systems and via GroupMe app. Text messaging may also be used for communication. The instructor will not initiate communication using private email accounts. Students are encouraged to check their SPC email on a regular basis, ideally daily, and respond to emails and text messages promptly, within 24 hours. Students will have access to assignments, web links, handouts, and other vital course material delivered via Blackboard, and other electronic means.

If necessary, students may contact me on my personal cell phone between the hours 7:00 am-7:00 pm M-F. On the weekends/holidays, please do not contact me before 10:00 am and after 6:00 pm. When contacting my personal cell phone, text message is preferred. Please allow up to 24 hours for a response on weekends/holidays. If you need to reach me after the hours listed or will be absent from class, please send a text message or an email to my SPC email. Direct message in GroupMe app is also appropriate.

EMAIL

Students are required to use their official South Plains College (SPC) email addresses for all college-related communications. Official SPC email addresses are provided to each student upon enrollment and are the primary means of communication between students, faculty, and the college.

Email Etiquette - Students are expected to maintain a professional and respectful tone in all email communications with faculty, staff, and fellow students. Offensive, disrespectful, or inappropriate language in emails is strictly prohibited. The professional expectation is acknowledgment of communication within 24 hours.

Email Security - Students should take steps to protect their email accounts. This includes using strong, unique passwords and not sharing email login credentials. If students suspect their email accounts have been compromised, they should report it immediately to the college's IT department. 806-716-2600 contact information Helpdesk@southplainscollege.edu

Check Email Regularly - Students are encouraged to check their official SPC email accounts regularly. Important announcements, updates, and notices from instructors, administrative departments, and the college as a whole are communicated through your SPC email accounts.

SPC Alerts - Students are automatically enrolled in SPC Alerts, which is an emergency notification system. Students are encouraged to ensure their contact information is up to date in SPC Alerts to receive important safety and emergency notifications.

Email Support - If students encounter technical issues with their SPC email accounts or need assistance with email-related concerns, they should contact the college's IT support services for assistance. [806-716-2470 or helpdesk@southplainscollege.edu]

CELL PHONE/SMART WATCH POLICY

Cellphones must be put away and turned **OFF** or put on **silent** during scheduled class/lab periods unless prior approval has been given by the instructor. Cell phones are to be used **outside** of the classroom while class is in session. This includes text messaging and internet browsing. Cell phones may be used during class time as directed by the instructor. Cellphones and smart watches will be secured during all testing.

Students will be dismissed from class/lab and sent home if a phone continuously rings/vibrates or if the student is discovered texting or browsing the internet. If dismissed from class, the student will receive an **absence** for the day.

EMERGENCY MESSAGES*:* In the event of an emergency during the normal class schedule, the student should notify their family to call the Rachael Kiser, DCE Office at (806) 716-2620 or (214) 886-8134. Class will not be interrupted unless it is an emergency, so the family members must identify themselves and state that it is an emergency to get immediate action. For emergencies during clinical rotations, the student should notify their family to call and leave a message or text Rachael Kiser, DCE to the number or numbers provided in the clinical course syllabus and/or on the clinical course schedule.

SOCIAL MEDIA

Students are expected to abide by the Student-Preceptor Professional Conduct and Communication Policy provided in the Respiratory Care Program Student Handbook. Additionally, the policies below are

intended to guide health sciences students on the appropriate use of social media while maintaining the highest standards of professionalism and patient confidentiality.

Professionalism:

Health sciences students should conduct themselves on social media platforms with the same level of professionalism and respect as expected in the classroom and clinical settings. Students should refrain from engaging in any behavior or posting content that reflects negatively on SPC, their program, or the healthcare profession. Avoid engaging in public online disputes or conflicts, especially those involving colleagues, faculty, or patients.

Patient Confidentiality:

Students must uphold the highest standards of patient confidentiality. Do not discuss specific patients, cases, or share any patient-related information on social media platforms, even if patient names or identifiers are not disclosed. Be cautious about sharing any content that might indirectly reveal patient information, such as photos or stories taken in clinical settings

RESOURCES

BLACKBOARD

Blackboard is an e-Education platform designed to enable educational innovations everywhere by connecting people and technology. This educational tool will be used in this course throughout the semester.

TEXT AND COURSE MATERIALS

Required Textbook and Materials

Walsh, Brian. Neonatal and Pediatric Respiratory Care, 6th Ed. (2022). ISBN: 978-0323793094

Trajecsys Student License

COMPUTER USAGE

As computer technology in the field of health occupations continues to become more popular, computers will be used in this course for several assignments. All students have access to computers and printers on the South Plains College campus. Students will be expected to utilize computers to access assignments and classroom resources. All registered students are supplied with a working email account from South Plains College. In order to take exams, students must have their username and password.

ALL STUDENTS ARE EXPECTED TO KNOW THEIR SPC STUDENT USERNAME AND PASSWORD.

COMPUTER LAB USAGE

The computer lab(s) on any campus may be used by students during scheduled hours or as assigned by an instructor. Printer paper will not be provided for students to print materials but students may seek assistance from faculty or staff to request lab paper from the college if needed. Lack of computer lab paper is not an excuse for not having homework assignments, skills lab sheets, or any other required documents. Students should come prepared for class.

COURSE DISCLAIMER

In order to better prepare students for a career in the Respiratory Care profession, there will be times during this course when students will be exposed to training scenarios and situations that will be unpleasant to the average college student. If the student does not feel they can tolerate this type of learning environment, they should discuss this with me immediately before continuing the course.

CHANGES and AMENDMENTS TO SYLLABUS

The program director or clinical coordinator reserves the right to make reasonable changes to the syllabus at any time during the semester. If this occurs, the students will be notified and furnished a copy of all applicable changes or amendments.

VERIFICATION OF WORKPLACE COMPETENCIES

This course allows students the opportunity to utilize skills learned in lecture & laboratory instruction at appropriate clinic sites.

CONFERENCES
If at any time a student is not satisfied with their overall performance, he/she is encouraged to schedule an appointment with the DCE/Instructor. Please refer to the Respiratory Care Program Student Handbook for more details regarding remediation/tutoring.

REMEDIATION
Please refer to the Respiratory Care Program Student Handbook for the remediation policy for exams and competencies.

Lab competency remedial plans will be developed by the instructor to include, but not limited to:

- Review of procedures
- Laboratory practice
- Supervised demonstration

DROP AND SCHEDULE CHANGE

Please refer to the South Plains College Catalog for additional information on attendance policies and administrative drops. Students should take these policies seriously to ensure they meet the attendance requirements and avoid any academic or financial consequences.
SPC Catalog – Drop & Withdrawls
These procedures provide students with the flexibility to manage their course enrollment, whether they need to drop a class, withdraw from all classes, or make schedule changes during the specified period. It is advisable for students to communicate with instructors and advisors as needed when making these decisions.

WITHDRAWING FROM ALL CLASSES
If a student wishes to withdraw from all courses, they should initiate that process with the Advising Office. They can schedule an appointment with an advisor by visiting SPC Advising or by calling 806-716-2366.

SYLLABUS STATEMENTS
For information regarding official South Plains College Policies and statements regarding the following topics, please visit: SPC Syllabus Statements

- **Intellectual Exchange Statement**
- **Disabilities Statement**
- **Non-Discrimination Statement**
- **Title IX Pregnancy Accommodations Statement**
- **CARE (Campus Assessment, Response, and Evaluation) Team**
- **Campus Concealed Carry Statement**
- **COVID-19**
- **Student Identification Verification Pictures**
- **Artificial Intelligence Statement**

RSPT 2453.200 – Neonatal/Pediatric Cardiopulmonary Care
COURSE OUTLINE

Unit 1: **Fetal Development, Fetal Gas Exchange and Circulation, Antenatal Assessment/High Risk Delivery**
Reading assignment: Chapter 1, 2, and 3
OneVision Supplemental Content provided in Blackboard
Unit 1 Assignment
Clinical Skills: APGAR Score
Exam 1

Unit 2: **Assessment and Monitoring of the Neonatal and Pediatric Patient and Airway Management**
Reading assignment: Chapter 5, 7, 8, 12, 36
OneVision Supplemental Content provided in Blackboard
Unit 2 Assignment
Clinical Skills: Endotracheal intubation, Neonatal Capillary Blood Gases, Surfactant Replacement Therapy for Neonates, Transcutaneous Blood Gas Monitoring for Neonates and Pediatric Patients
Competencies: Neonatal/Pediatric Vital Signs, Pediatric Chest Assessment, Neonatal Capillary Blood Gas, Pediatric Extubation, Neonatal/Pediatric Securing Artificial Airway, Pediatric Set up and Ventilate via ETT, Neonatal Manual Ventilation via ETT, Infant Set up and Ventilation via Mask, Newborn Assessment/Resuscitation
Exam 2

Unit 3: **Pediatric Disorders**
Reading Assignment: Chapter 23, 24, 25, 27, 28
OneVision Supplemental Content provided in Blackboard
Unit 3 Assignment
Asthma Videos
Clinical Skills: Peak Expiratory Flow, Incentive Spirometry, Pulse Oximetry
Competencies: Pediatric Small Volume Nebulizer, Pediatric Nasal Cannula, Pediatric Chest Physiotherapy, Pediatric NT Suctioning, Pediatric Pulse Oximetry
Exam 3

Unit 4 **Mechanical Ventilation**
Reading Assignment: Chapter 13, 14, 31, 32
OneVision Supplemental Content provided in Blackboard
Unit 4 Assignment
Clinical Skills: Mechanical Ventilation: Neonate, Mechanical Ventilation: HFOV, Bubble CPAP
Competencies: Neonatal Nasal CPAP, Neonatal/Pediatric Ventilator Set up, Neonatal/Pediatric Ventilator Check, Neonatal/Pediatric Ventilator Parameter Change, Neonatal/Pediatric In-line Suctioning, Pediatric CPR Airway/Ventilation
Exam 4

Unit 5 **Neonatal Disorders**
Reading assignment: Chapter 9, 11, 36, 38
OneVision Supplemental Content provided in Blackboard
Competencies: Neonatal Oxyhood
***Unit 5 content will be assessed on the comprehensive final exam.**

COMPREHENSIVE FINAL EXAM