

Course Syllabus

COURSE:	RSPT 2353.200 Neonatal/Pediatric Cardiopulmonary Care
SEMESTER:	Fall 2024
CLASS TIMES:	Tuesday/Thursday 11:00AM -12:20PM
LAB TIMES:	Tuesday or Thursday 12:50 PM – 3:15 PM
INSTRUCTOR:	Kristal Jones, BSRC, RRT, RRT-ACCS
ADJUNCT INSTRUCTOR:	Rachael Kiser, RRT, RRT-NPS
OFFICE:	Reese Center, Building 2, Room 223C
OFFICE HOURS:	Monday & Wednesday: 9:00 AM – 11:00 Tuesday & Thursday: 1:00 PM – 3:00 PM Friday: By appointment only Other times by appointment
OFFICE PHONE:	806-716-4624
E-MAIL:	rkiser@southplainscollege.edu kjones@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
0-74	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 actual performance of skills.
2. Students will be required to successfully complete the following competencies in lab:

Mandatory Competencies for RSPT 2353

Capillary Sampling	Neonatal/Pediatric Securing Artificial Airway
Infant Set up and Ventilation via Mask	Neonatal/Pediatric Ventilator Parameter Change
Neonatal/Pediatric Ventilator Check	Pediatric Chest Assessment
Neonatal/Pediatric Vital Signs	Pediatric Chest Physiotherapy
Neonatal Oxygen Therapy: Oxyhood and Nasal CPAP	Pediatric Nasotracheal Suctioning
Neonatal/Pediatric Manual Ventilation via ETT	Pediatric Oxygen Therapy: Nasal Cannula
Neonatal/Pediatric Ventilator Set Up	Pediatric Pulse Oximetry
Neonatal/Pediatric Extubation	Pediatric Small Volume Nebulizer
Neonatal/Pediatric In-line suctioning	

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

-Satisfactory (100%)- Ready for clinical application with minimal supervision.
Performed procedure accurately.

-Unsatisfactory performance - 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 when he/she has reviewed the procedure and feels prepared, unless notified otherwise by the instructor. Unsatisfactory ratings will be documented in Trajecsys and a grade of 0% (zero) 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 rating on 2nd attempt, the student must attempt the competency on another lab day after meeting with the instructor and following a documented remediation plan. Please see 'Remediation' below for details.

Each competency attempt will be scored (as indicated above) and averaged together.

Ex: If a student scores Unsatisfactory (0%) on the first attempt and then Satisfactory (100%) on the second attempt, the score entered into the grade book is 50% for that particular competency. Students must complete every competency with a Satisfactory rating to complete the course. However, attempts after an unsatisfactory rating on the 2nd attempt will not be scored for a grade.

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 are dropped.

FINAL EXAMINATION (25%)

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.

<https://honorlock.kb.help/honorlock-best-practices-for-test-takers/>

SPC CAMPUS POLICIES

For information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title V Pregnancy Accommodations, CARE Team, COVID, and Campus Concealed Carry, please visit: <https://www.southplainscollege.edu/syllabusstatements/>

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.

<http://catalog.southplainscollege.edu/content.php?catoid=49&navoid=1321>

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

<http://catalog.southplainscollege.edu/content.php?catoid=59&navoid=2027>

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.

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.

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.

[http://catalog.southplainscollege.edu/content.php?catoid=47&navoid=1229#Class Attendance](http://catalog.southplainscollege.edu/content.php?catoid=47&navoid=1229#Class+Attendance)

Regular attendance is necessary to successfully meet the course objectives. The student is responsible for all class work 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 **four** 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.

Students who are tardy are asked to respect their peers and enter the classroom quietly in order not to disrupt the class. Students who are late to a class starting with an examination will not be given additional time to complete the exam. Students more than 15 minutes late to class will be marked absent.

SKILLS LAB ATTENDANCE

Students will be required to attend skills lab sessions based on the schedule provided. These are conducted on Tuesday and/or Thursday as listed in your lab schedule. Students will be solely responsible for documenting their attendance in Trajecsys for the skills lab. Assignments completed during skills lab will be uploaded into

Blackboard for review and competencies completed will be documented in Trajecsys. **Students are allowed 1 skills lab absence** and it will need to be documented in Trajecsys within 24 hours of said absence. **Any additional absence is a 2 point deduction per occurrence from the student's final grade for RSPT 2353.** Content and competencies missed will have to be made up and scheduled with the Skills Lab Instructor. Students cannot proceed in the program unless all competencies are successfully completed.

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.

http://catalog.southplainscollege.edu/content.php?catoid=60&navoid=2086#dropping_a_course

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.

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 8:00 am-8:00 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. If you need to reach me after the hours listed or will be absent from class, please send a message or an email to my SPC email and/or GroupMe app.

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 Kristal Jones, DCE Office at (806) 716-4624 or (682) 552-8922. 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 Kristal Jones, DCE to the number or numbers provided in the clinical course syllabus and/or on the clinical course schedule.

SOCIAL MEDIA

This policy is 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 Respiratory Care Program Student Handbook for more details regarding remediation/tutoring.

REMEDICATION

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.

http://catalog.southplainscollege.edu/content.php?catoid=60&navoid=2086#dropping_a_course

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 <http://www.southplainscollege.edu/admission-aid/advising/spcadvisors.php> or by calling 806-716-2366.

SYLLABUS STATEMENTS

Statements for the following items can be found at Syllabus Statements on the South Plains College website.

<https://www.southplainscollege.edu/syllabusstatements/>

- **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**
- **Artificial Intelligence Statement**

RSPT 2353.200 – 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

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