

Updated 07/18/2023



WACO, TEXAS

**COURSE SYLLABUS
AND
INSTRUCTOR PLAN**



**Texas Concept-Based Curriculum
McLennan Community College
ADN Program**

**Health Care Concepts II
RNSG 1533.001**

INSTRUCTOR NAMES

T. Rutherford, Dr. A. Winslow, T. Martin

NOTE: This is a 16-week course.

Course Description:

In-depth coverage of health care concepts with application through selected exemplars. Concepts include acid base balance, clotting, comfort, elimination, fluid and electrolyte balance, gas exchange, immunity, metabolism, nutrition, perfusion, cognition, and coping. Provides continuing opportunities for development of clinical judgment skills. The course lends itself to a concept-based approach.

Prerequisites and/or Corequisites:

Prerequisites: Completion of Level I in the ADN program and BIOL 2402 with a grade of C.

Co-requisite: RNSG 1126, 2362, BIOL 2420

Course Notes and Instructor Recommendations:

Supplemental and lecture notes may be posted to Brightspace at the discretion of the instructor. It is recommended that the student check Brightspace and student email daily.

Instructor Information:

Instructor Name: Tamara Rutherford MSN, RN

MCC E-mail: trutherford@mcclennan.edu

Office Phone Number: 254-299-8479

Office Location: HPN 119

Office/Teacher Conference Hours: Wednesday 0800-0900, 1300-1500
 Thursday 0800-0900, 1100-1200

Instructor Name: Amy Winslow, DNP, RN, C-PNP

MCC E-mail: awinslow@mcclennan.edu

Office Phone Number: 254-299-8395

Office Location: HPN 109

Office /Teacher Conference Hours: Wednesday 0800-0900
 Thursday 0800-0900, 1100-1400

Instructor Name: Tim Martin, MSN, RN, CEN

MCC E-mail: tbmartin@mcclennan.edu

Office Phone Number: 254-299-8353

Office Location: HPN 122

Office /Teacher Conference Hours: Wednesday 0800-0900, 1300-1600 – Thursday 0800-0900

Required Text & Materials:

Check your Evolve password and make sure you can log in at the start of the course, as well as to any other required websites and apps. If you cannot sign in then check with the appropriate technical support.

<https://evolve.elsevier.com/>

https://www.bon.texas.gov/laws_and_rules_nursing_practice_act.asp.html

Saunders Nursing Drug Handbook (Hardcopy)

MCC Bookstore Website: <http://www.mclennan.edu/bookstore/>

Methods of Teaching and Learning:

Lecture, discussion groups, group projects, simulation lab exercises, projects, service learning assignments, student performances/presentations, written reports/papers, exams, and quizzes.

Course Objectives and/or Competencies:

Upon completion of this course the student will:

1. Utilize a systematic process to analyze selected health care concepts for diverse patients across the lifespan. (SLO #4)
2. Describe nursing management for selected health care concepts.(SLO #3,5,6)
3. Apply the learned concepts to other concepts or exemplars. (SLO #1,2,5,7)
4. Describe the interrelatedness between health care concepts to assist in developing clinical judgment. (SLO #1)

Course Outline or Schedule:

RNSG 1533: Concepts with exemplars:

Acid Base Balance

- Respiratory Alkalosis
 - Hyperventilation (Birthing Mother, Panic Attack)
- Metabolic Alkalosis
 - Gastrointestinal Losses (Pediatric-Pyloric Stenosis)
- Respiratory Acidosis
 - Drug Overdose with Hypoventilation

- Metabolic Acidosis
 - DKA

Clotting

- Hemophilia
- Deep Vein Thrombosis (DVT)

Comfort

- Sickle Cell Anemia (Chronic Pain, Acute Exacerbations)
- Post-Operative Pain: Abdominal Surgery (Acute Pain)
- Renal Calculi (Acute Pain)

Elimination

- Diverticulitis
- Paralytic Ileus – Bowel Obstruction
- Neurogenic Bladder – Spastic

Fluid & Electrolyte Balance

- Dehydration – Gastroenteritis
 - Elderly and Pediatrics
- Extracellular Fluid Volume Excess
- Hypocalcemia
- Hypercalcemia
- Hypokalemia
- Hyperkalemia - Chronic Renal Failure
- Hyponatremia - Syndrome of Antidiuretic Hormone (SIADH)
- Hypernatremia – Diabetes Insipidus (DI)
- Hypophosphatemia
- Hyperphosphatemia
- Hypomagnesemia
- Hypermagnesemia

Gas Exchange

- Asthma

- Chronic Obstructive Pulmonary Disease (COPD)
- Pneumonia (including aspiration)
- RSV/Bronchiolitis (Pedi)
- Tracheoesophageal Fistula

Immunity

- Vaccines
- Otitis media
- Cellulitis
- Appendicitis
- Trauma-sprain
- Urinary Tract Infection
- Osteomyelitis

Metabolism

- Diabetes Type 1 and Type 2
- Gestational Diabetes
- Diabetic Diet
- Graves' Disease – Hyperthyroidism
- Hypothyroidism

Nutrition

- Malnutrition (Introduce Parenteral Nutrition)
- Peptic Ulcer Disease (PUD)
- Gastroesophageal Reflux Disease (GERD)
- Malabsorption Syndromes Infant & Elderly (Gastrostomy and Enteral Feedings)
- Starvation – Failure to Thrive
- Infant Nutrition (Breast/Bottle)

Perfusion

- Basic ECG Rhythms
- Congestive Heart Failure
- Hypertension

- Gestational Hypertension
- Mitral Valve Prolapse
- Coronary Artery Disease (CAD)
- Peripheral Vascular Disease (PVD)
- Heart Healthy Diet

Cognition

- Alzheimer's Disease/Dementia
- Delirium

Coping

- Anxiety
 - Generalized Anxiety Disorder
 - Panic Disorder (Attack)
 - Obsessive Compulsive Disorder
 - Eating Disorders
 - Anorexia Nervosa
 - Bulimia
 - Phobia
- Stress
 - Separation Anxiety (Developmental)
 - Post-Traumatic Stress Disorder
 - Physical Response/Disease
 - Lifespan Response
- Substance Abuse/Addictive Behaviors
 - Alcoholism
 - Opioid Epidemic
 - Maternal/Fetal Cocaine Addiction
 - Neonatal Abstinence Syndrome (Withdrawal)

Course Attendance/Participation Guidelines:

McLennan Community College expects regular and punctual class attendance from all students. In Health Professions programs, regular class attendance is expected as a demonstration of professional workplace behavior and late arrival and/or early departure is considered as absenteeism. Students, whether present or absent, are ultimately responsible for all material presented or assigned in the classroom and will be held accountable for these materials in determination of their grade. Absences from didactic classes prevent the Health Professions student from receiving full benefit of the course, diminish the quality of group interaction in the classroom setting and may interrupt progression in the program.

Policy: A McLennan Health Professions student in a didactic course missing a cumulative of 15 percent of the class meetings due to unexcused absences will be dropped.

Students will be permitted to make up class work and assignments missed as outlined in the course syllabus due to absences caused by (1) authorized participation in official College functions, (2) personal illness, (3) an illness or a death in the immediate family, (4) Pregnant or Parenting Protections under Title IX and/or Texas State Education Code Chapter 51, Subchapter Z, Section 51.982 or (5) any excused absences as outlined in College policy B-II. In all other cases, the instructor has the prerogative of determining whether a student may make up work missed.

Students are responsible for any work missed regardless for the cause of absence, as indicated in the institutional attendance policy. The student must initiate conversation with the instructor in a timely fashion, as defined by the program, and complete work according to timelines established with each course instructor.

If a student is not in attendance in accordance with the policies/guidelines of the class as outlined in the course syllabus as of the course census date, faculty are required to drop students from their class roster prior to certifying the respective class roster. A student's financial aid will be re-evaluated accordingly and the student will only receive funding for those courses attended as of the course census date.

[Click Here for the MCC Attendance/Absences Policy](https://www.mclennan.edu/highlander-guide/policies.html)

(<https://www.mclennan.edu/highlander-guide/policies.html>)

Click on the link above for the college policies on attendance and absences. **Your instructor may have additional guidelines specific to this course.**

Course Grading Information:

A grade of "C" or better in theory courses and a grade of Credit in clinical is required to pass the course. The student will take four quizzes, four unit exams, a final exam, a HESI exam. Students are required to participate in assigned activities which include: **reading all assigned materials before class attendance**, participating in discussion, attending learning labs, and completing online modules. The grading breakdown is as follows:

Concept Quizzes (4):	0.5% each, for 2% total
Unit Exams (1-4):	17% each
Unit Exam Remediation (4):	0.5% each, for 2% total
HESI 1:	4%
HESI 1 Remediation:	1%
Final Exam:	23%

Concept quizzes will be administered during one of the lecture or learning lab periods for each of the following four concepts: **Metabolism, Perfusion, Fluid and Electrolyte Balance, and Gas Exchange**. Questions will come from the readings and online learning activities assigned for each concept. Students are expected to have completed all readings and activities on the first day of lecture for each concept; it is possible that the quiz will take place for any given concept before any lecture material is delivered. If a student is absent on the day a quiz is taken, they may make up one quiz at the end of the semester; this make-up quiz will be cumulative over all the content for the semester. If a student misses more than one quiz, they will receive a zero for the additional quiz or quizzes missed.

Grade Calculations

All unit exams are calculated by a percentage computed to two decimal places. Exam grades will be figured to the tenth. The final exam for the course will be computed to two decimal places. The final course grade will be rounded off to a whole number.

The grading system used follows: 90 – 100 = A
80 – 89 = B
75 – 79 = C
65 – 74 = D
Below 65 = F

Late Work and Make Up Work Policies:

All assignments must be completed by the due date established in the course calendar in order to receive credit for the course. Late work will result in a loss of 10% of the grade per day the work is late. Please refer to the student handbook to review the late work policy.

Student Behavioral Expectations or Conduct Policy:

Students are expected to be in class, on time. It is not possible to be successful in this course without regular and consistent lecture and learning lab attendance and participation. Lecture and Learning Lab hours are both included in the calculation of absences.

For security reasons and according to MCC campus policy, the **doors to the classroom will remain locked from the outside and will remain locked after class starts.** If the student cannot be in the classroom by the time class starts, or if the student must leave the classroom for an emergency, the student will quietly pick up course materials and leave the classroom. Since the doors are locked from the outside, the student will not be able to come back into the class. **The students' cooperation is required and appreciated.** Students will be allowed entry/re-entry into class at break times.

Professional expectations

According to Billings and Halstead (2022), "Becoming a professional is not simply a matter of possessing a degree. Becoming a professional is agreeing to a set of standards of behavior now, as a student, that models the behavior that will be expected of you once you complete your professional program.

1. Be on time. Arrive 10 minutes before your expected time and be prepared to begin class or laboratory. Leave with plenty of time in case you encounter delays.
2. Be present every day! Your instructor has created specific lesson plans with the expectation that you will be present every class day. On what should be a rare occasion, it is imperative that if you are unable to keep your commitment, you contact your instructor as soon as possible. Ask the instructor about the best way to communicate with them. Write down his or her email or phone number and have it with you at all times.
3. Be professional! Maintain a professional attitude and be positive! You never get a second chance to make a first impression.
4. Know what is expected of you every day. Read your syllabus. Note all course obligations on your calendar and check your calendar daily.

5. Leave your cell phone off and out of sight. Focus on being present in the class and with your work.

6. Collegiality. Now, as a student, and in the future, as a professional, you will interact with and work extensively with your peers and colleagues. Work to be a positive influence and a productive colleague to your peers. Demonstrate value and appreciation for all others by treating them respectfully.

7. Ethics. As a student, learn and reflect on the ethical expectations of the profession and begin reflecting on your current daily decisions within an ethical context. Realize that the decisions and choices you make every day build on your ability to make decisions and actions on behalf of others you will be responsible for in the future.

8. Collaboration. As a professional you will collaborate with patients, family members, and other professional colleagues in providing care. As a student today you will be expected to collaborate in a positive, civil, and mutually beneficial way that will build your skills and understanding of working with groups of people to achieve a common goal.”

9. Additional student behavioral expectations are in the ADN Student Handbook.

Reference:

Billings, D., Halstead, J., (2016). 6th ed. Teaching in nursing: A guide for faculty.
St. Louis, MO. Elsevier. 14:236.

[* Click Here for the MCC Academic Integrity Statement](#)

(www.mclennan.edu/academic-integrity)

The link above will provide you with information about academic integrity, dishonesty, and cheating.

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ACADEMIC RESOURCES/POLICIES

Accommodations/ADA Statement:

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. For additional information, please visit www.mclennan.edu/disability.

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

disabilities@mclennan.edu 2542998122 Room
319, Student Services Center

Title IX:

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the acting Title IX Coordinator at titleix@mclennan.edu or by calling, Dr. Claudette Jackson, (Accommodations/Title IX) at (254) 299-8465. MCC employees are mandatory reporters and must report incidents immediately to the Title IX Coordinator. Individuals may also contact the MCC Police Department at (254) 299-8911 or the MCC Student Counseling Center at (254) 299-8210. The MCC Student Counseling Center is a

confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting <http://www.lighthouse-services.com/mclennan/>. Go to McLennan's Title IX webpage at www.mclennan.edu/titleix/. It contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

Student Support/Resources:

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

Academic Support and Tutoring is here to help students with all their course-related needs. Specializing in one-on-one tutoring, developing study skills, and effectively writing essays. Academic Support and Tutoring can be found in the Library and main floor of the Learning Commons. This service is available to students in person or through Zoom. You can contact the Academic Support and Tutoring team via Zoom or email (ast@mclennan.edu) by going to our website (<https://www.mclennan.edu/academic-support-and-tutoring/>).

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact either MCC CREW – Campus Resources Education Web by calling (254) 299-8561 or by emailing crew@mclennan.edu or a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Both are located in the Completion Center located on the second floor of the Student Services Center (SSC) which is open Monday-Friday from 8 a.m.-5 p.m.

Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff. To schedule an appointment, go to https://mclennan.co1.qualtrics.com/jfe/form/SV_07byXd7eB8iTqJg. Both the Completion Center and Paulanne's Pantry are located on the second floor of the Student Services Center (SSC).

MCC Foundation Emergency Grant Fund:

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to

<https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html>

to find out more about the emergency grant. The application can be found at

https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf.

MCC Academic Integrity Statement:

Go to www.mclennan.edu/academic-integrity for information about academic integrity, dishonesty, and cheating. The unauthorized use of artificial intelligence (AI) for classwork can be a violation of the College's General Conduct Policy. Whether AI is authorized in a course and the parameters in which AI can be used in a course will be outlined by each instructor.

Minimum System Requirements to Utilize MCC's D2L|Brightspace:

Go to <https://www.mclennan.edu/center-for-teachingandlearning/FacultyandStaffCommons/requirements.html> for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

Minimum Technical Skills:

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

Backup Plan for Technology:

In the event MCC's technology systems are down, you will be notified via your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

Email Policy:

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are

expected to read and, if needed, respond in a timely manner to college emails. For more information about your student email account, go to www.mclennan.edu/studentemail.

Instructional Uses of Email:

Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with their students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

Email on Mobile Devices:

The College recommends that you set up your mobile device to receive McLennan emails. If you need assistance with set-up, you may email Helpdesk@mclennan.edu for help.

You can find help on the McLennan website about connecting your McLennan email account to your mobile device:

- [Email Setup for iPhones and iPads](#)
- [Email Setup for Androids](#)

Forwarding Emails:

You may forward emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may be lost or placed in junk or spam filters.

For more helpful information about technology at MCC, go to [MCC's Tech Support Cheat Sheet](#) or email helpdesk@mclennan.edu.

Disclaimer:

The resources and policies listed above are merely for informational purposes and are subject to change without notice or obligation. The College reserves the right to change policies and other requirements in compliance with State and Federal laws. The provisions of this document do not constitute a contract.