

McLennan
C O M M U N I T Y
COLLEGE

WACO, TEXAS

COURSE SYLLABUS
AND
INSTRUCTOR PLAN

Health Care Concepts II - RNSG 1533.01

T. Rutherford, Dr. Amy Winslow, T. Martin

NOTE: This is a 16-week course.

COVID 19 Notice:

McLennan Community College is committed to providing you with every resource you need to reach your academic goals including your safety. We will continue to monitor the evolving situation with COVID 19 and adjust our safety guidelines to make sure we offer a safe environment for you and our faculty. Please make sure to consult your faculty and the MCC website on any changes to these guidelines.

Health Care Concepts II

RNSG 1533.01

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
 Thursday 0800-0900, 1100-1400

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: T. Martin, MSN, RN

MCC E-mail: tmartin@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 password and make sure you can log in. If you cannot sign in then check with technical support.

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

<http://www.bon.state.tx.us/nursinglaw/npa.html>

[MCC Bookstore Website](#)

[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, 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:

Refer to the calendar and Brightspace for specific dates, times and assigned activities.

RNSG 1533: Concepts with exemplars:

Acid Base Balance

- Respiratory Alkalosis
 - Hyperventilation (Birthing Mother, Panic Attack)
- Metabolic Alkalosis
 - ⊖ Gastrointestinal Losses (Pediatric)
- 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

Metabolism

- Diabetes Type 1
- Diabetes Type 2
- Diabetic Ketoacidosis (DKA)
- Diabetic Diet
- Gestational Diabetes
- Graves' Disease – Hyperthyroidism
- Hypothyroidism
- Osteomyelitis

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)

Health Care Concepts II

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- 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 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-unit exams, a final exam, a HESI exam, and is required to participate in assigned activities which include: class, online modules, and Lippincott assignments. The grading breakdown is as follows:

Unit Exams (1-4):	19.5% each
HESI Final Exam:	20%
Simulation:	2%

*The HESI exam grade will come from the HESI #1 grade. If the HESI retake is taken by the student for progression, the grade earned will not replace the HESI #1 grade in the course grade calculation.

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

HESI Policy Levels 1 – 3

Each level in levels 1, 2 and 3 of the concept-based curriculum will give a HESI Concept Comprehensive exam for that level.

Students are expected to perform at the following competency levels.

Level 1 – 800

Level 2 – 850

Level 3 – 875

Students who do not attain the expected level of achievement will be required to complete the following remediation. After the remediation, the student will take another HESI comprehensive exam.

Level 1 – Complete the HESI patient reviews and case studies pertaining to the concepts taught in level 1. Retake the HESI practice test until an 80% is achieved. The time spent on the patient reviews will be monitored for satisfactory progress. The student will take another comprehensive HESI exam.

Level 2 – Complete the HESI patient reviews and case studies pertaining to the concepts taught in this level. Retake the HESI practice test until an 80% is achieved. The time spent on the patient reviews and case studies will be monitored for satisfactory progress. The student will take another comprehensive HESI exam.

Level 3 - Complete the HESI patient reviews and case studies pertaining to the concepts taught in this level. Retake the HESI practice test until an 80% is achieved. Time spent on the patient reviews and case studies will be monitored for satisfactory progress. The student will take another HESI comprehensive exam.

Any student who makes less than the required score on the HESI for the Level (Level 1-825, Level 2-850, Level 3-875) will not be eligible to progress to the next level. **This is considered a nursing course failure.** If the student is eligible for readmission, the student may apply for readmission. If failing to achieve the required score on the HESI for the Level, results in a second failure for a nursing course, the policy for second failure applies (see Readmission Policy).

Late Work, Attendance, and Make Up Work Policies:

All assignments must be completed 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. For security reasons, 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:

1. Be on time and remain throughout class. Arrive at least 10 minutes prior to class starting.
2. Be in class every day and ready to learn. Should some unforeseen incident occur preventing your attendance, contact your instructor.
3. Be a professional. Maintain a professional attitude and be positive. Maintain classroom civility which includes respect for other students and for the faculty. Civility is expected in all verbal and electronic interactions with peers, professors, and college administrators.
4. Know your course expectations. Read your concept syllabi and course instructional plans, check your course calendar, the learning management system (Brightspace) and MCC email daily.
5. Collegiality: Be a positive and productive influence in your work/learning environment, communicating and working professionally, safely, and legally.
6. Know your ethical responsibility to your chosen profession, and the public you will serve.
7. Collaboration: As a professional you will collaborate with clients, their families, and other professionals in the health career arena. Be positive, civil, open to new ideas, and research to promote the healing environment.
8. Additional student behavioral expectations are in the ADN Student Handbook.

Reference:

Billings, D. M., Halstead, J. A., (2016). Teaching in Nursing: A guide for faculty. St. Louis, MO. Elsevier. 14:236.

[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.

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ACADEMIC RESOURCES/POLICIES

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/>

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 a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Students may visit the Completion Center Monday-Friday from 8 a.m.-5 p.m. to schedule a meeting with a Success Coach and receive additional resources and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff based on household size. Text (254) 870-7573 to schedule a pantry appointment. The Completion Center and 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.

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.

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

Go to <https://www.mclennan.edu/center-for-teaching-and-learning/Faculty%20and%20Staff%20Commons/requirements.html> for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

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.

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.

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.

MCC Academic Integrity Statement:

Go to www.mclennan.edu/academic-integrity for information about academic integrity, dishonesty, and cheating.

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

254-299-8122

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 Title IX Coordinator at titleix@mclennan.edu or by calling Dr. Drew Canham (Chief of Staff for Diversity, Equity & Inclusion/Title IX) at (254) 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC 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.

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.