

**McLennan**  
C O M M U N I T Y  
**COLLEGE**

WACO, TEXAS

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**COURSE SYLLABUS**  
**AND**  
**INSTRUCTOR PLAN**

**Health Care Concepts II**  
**RNSG 1533.01**

**Pat Brown, Tamara Rutherford, Dr. Amy Winslow**

**NOTE: This is a 16-week course.**

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**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: Pat Brown, MSN, RN  
MCC E-mail: [pbrown@mclennan.edu](mailto:pbrown@mclennan.edu)  
Office Phone Number: 254-299-8351  
Office Location: HPN 111  
Office /Teacher Conference Hours: Wednesday 0800-0900  
Thursday 0800-0900, 1100-1400

Instructor Name: Tamara Rutherford MSN, RN  
MCC E-mail: [trutherford@mclennan.edu](mailto:trutherford@mclennan.edu)  
Office Phone Number: 254-299-8479  
Office Location: HPN 119  
Office/Teacher Conference Hours: Wednesday 0800-0900  
Thursday 0830-0900, 1100-1430

Instructor Name: Amy Winslow, DNP, RN, C-PNP  
MCC E-mail: [awinslow@mclennan.edu](mailto:awinslow@mclennan.edu)  
Office Phone Number: 254-299-8395  
Office Location: HPN 109  
Office /Teacher Conference Hours: Wednesday 0800-0900  
Thursday 0800-0900, 1100-1400

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**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/>

**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, we encourage you to contact a success coach by calling (254) 299-8226. Students can visit the Completion Center Monday-Friday from 8:00 a.m.-5:00 p.m. to meet with a success coach and receive additional resources and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) is open 12:00 p.m.-1:00 p.m., Monday-Friday, without an appointment. The Completion Center and pantry are located on the Second Floor of the Student Services Center (SSC).

**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 contacted/notified through 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.

\* [Click Here for the Minimum System Requirements to Utilize MCC's D2L/Brightspace](http://www.mclennan.edu/center-for-teaching-and-learning/teaching-commons/requirements)  
([www.mclennan.edu/center-for-teaching-and-learning/teaching-commons/requirements](http://www.mclennan.edu/center-for-teaching-and-learning/teaching-commons/requirements))

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Click on the link above for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

**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

- Osteomyelitis
- Urinary Tract Infection

#### Metabolism

- Diabetes Type 1
- Diabetes Type 2
- Diabetic Ketoacidosis (DKA)
- Diabetic Diet
- Gestational Diabetes
- 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)

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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 for the Level will not be eligible to progress in the program. If eligible, the student may apply for readmission.

**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 and 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



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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 Academic Integrity Statement](#)

([www.mclennan.edu/academic-integrity](http://www.mclennan.edu/academic-integrity))

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

\* [Click Here for the MCC Attendance/Absences Policy](#)

([www.mclennan.edu/highlander-guide/policies](http://www.mclennan.edu/highlander-guide/policies))

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

**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

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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. Instructors should not provide accommodations unless approved by the Accommodations Coordinator. For additional information, please visit [mclennan.edu/disability](http://mclennan.edu/disability).

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

[disabilities@mclennan.edu](mailto:disabilities@mclennan.edu)

254-299-8122

Room 319, Student Services Center

\* [Click Here for more information about Title IX](#)

([www.mclennan.edu/titleix](http://www.mclennan.edu/titleix))

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](mailto:titleix@mclennan.edu) or by calling Dr. Drew Canham (Vice President for Student Success) at 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC by calling 299-8210. The MCC Student Counseling Center is a confidential resource for students.

McLennan's Title IX webpage (<http://www.mclennan.edu/titleix/>) 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.

\* *You will need to access each link separately through your Web browser (for example: Internet Explorer, Mozilla, Chrome, or Safari) to print each link's information.*