

Updated 07/18/2023



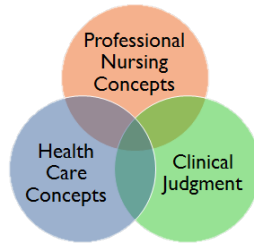
WACO, TEXAS

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## **COURSE SYLLABUS**

**AND**

## **INSTRUCTOR PLAN**



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

**RNSG 2539.001 – HEALTH CARE CONCEPT IV**

### **INSTRUCTOR NAME**

**Virginia Dossman, MSN, RN, BC  
Thelda Faye Jones, MSN, RN  
Maria McElroy, MSN, RN**

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

**NOTE: This is a Face-to-Face course.**

## Health Care Concept IV

### RNSG 2539.001

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#### **Course Description:**

**RNSG 2539 Health Care Concepts IV:** In-depth coverage of advanced health care concepts with nursing application through selected exemplars. Concepts include, acid base, clotting, cognition, coping, fluid and electrolyte balance, gas exchange, immunity, interpersonal relationships, metabolism, nutrition, perfusion, and tissue integrity. The course continues development of clinical judgment with integration of all program concepts. The course lends itself to a concept-based approach.

#### **Prerequisites and/or Corequisites:**

**SEMESTER HOURS**            5 (HCC)  
**PRE-REQUISITES:**        HCC (RNSG 1137, 1538, 2363, PSYC 2314)  
**CO-REQUISITES:**        RNSG 2360, RNSG 2539, RNSG 2138

#### **Course Notes and Instructor Recommendations:**

1. Students must demonstrate competency in the use of the D2L learning management system to access, read, and respond to various course components.
2. Concept syllabi and diagrams from the Texas concept-based consortium (CBC) will be posted to the D2L learning management system. Other supplemental learning materials will be posted to the D2L learning management system at the discretion of each professor.
3. Students should monitor D2L and student e-mail daily, for announcements or notices to avoid missing time-sensitive or important messages.
4. A student's failure to read official communications sent to the student's college assigned e-mail address in a timely manner does not absolve the student from knowing and complying with the content of the official communication.
5. Students must demonstrate basic computer competency in Microsoft Office software for all written assignments.
6. Students should always keep a backup electronic or hard copy of their submitted work. It is the student's responsibility to have copies of all work submitted.
7. All written work becomes the property of the program and may not be returned to the student.
8. Electronic devices in the classroom are for course and classwork only. Students using social media or other internet websites while in class but not related to course or classwork will turn the device off and may be asked to leave the learning environment.

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### **Instructor Information:**

Virginia Dossman, MSN, RN BC

MCC E-mail: [vdossman@mclennan.edu](mailto:vdossman@mclennan.edu)

Office Phone Number: 254-299-8360

Cell Phone Number: 254-223-0733 (Preferred)

Office Location: HPN 113

Office/Teacher Conference Hours: will be posted

T. Faye Jones, MSN, RN

MCC E-mail: [tjones@mclennan.edu](mailto:tjones@mclennan.edu)

Office Phone Number: 254-299-8338

Cell Phone Number: 254-424-1353 (Preferred)

Office Location: HPN 228

Office/Teacher Conference Hours: will be posted

Maria McElroy, MSN, RN

MCC E-mail: [mmcelroy@mclennan.edu](mailto:mmcelroy@mclennan.edu)

Office Phone Number: 254-299-8312

Cell Phone Number: 703-945-4007 (Preferred)

Office Location: HPN 112

Office/Teacher Conference Hour: will be posted

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### **Required Text & Materials:**

Elsevier: Evolve: <https://evolve.elsevier.com/cs/>

Students are responsible for the latest resource information on evolve site and as designated by the faculty.

“Nurse Practice Act”: <http://www.bon.state.tx.us/nursinglaw/npa/html>

Earphones (ear buds) for HESI RN Exit Exams.

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

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#### **Methods of Teaching and Learning:**

#### **Course Objectives and/or Competencies:**

**The Faculty** – expectations are that the student will be a self-motivated learner and by the end of the semester will have met the learning objectives, transitioning to successful program outcomes. The faculty will provide a context and environment that supports thoughtful curriculum that guides investigative self-learning. The faculty expects student preparation and active involvement in the learning environment. Teaching strategies are designed to stimulate critical thinking and active classroom learning. Examples include interactive lecture, course readings, class discussion, case-studies, pre-class or post-class assignments, and research findings.

**The Students** - Students will commit to an environment of full class participation taking an active role in the learning experience by completing assignments, participating in class discussions, being actively involved in group activities such as projects and presentations, related to current and previously mastered content. The students will be expected to perform, discuss, communicate, and present themselves in a professional manner always. These instruction/statements apply whether the class is face to face or online.

#### **Course Attendance/Participation Guidelines:**

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.

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.

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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.

#### **Course Outline or Schedule:**

#### **HEALTH CARE CONCEPTS – BIOPHYSICAL**

##### **Acid Base Balance**

Compensation and Partial Compensation (Included under concepts with topics where this occurs)

##### **Clotting**

- Disseminated Intravascular Coagulation
- Thrombocytopenia
- Idiopathic Thrombocytopenia Purpura (ITP) (Bone Marrow)
- HELLP Syndrome
- Heparin Induced Thrombocytopenia (HIT)
- Blood Products

**Comfort** – Is not a stand-alone concept in Level 4. (In scenarios related to course content- (ICU- Procedural pain, Intubated/Comatose).

##### **Fluid & Electrolytes**

- Extracellular Fluid Volume Excess – Heart Failure

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- Hypokalemia – Heart Failure
- Hyperkalemia – Acute Renal Failure

#### Gas Exchange

- Anemia
- Respiratory Distress Syndrome
- Pulmonary Emboli
- Cystic Fibrosis

#### Immunity

- Human Immunodeficiency Virus (HIV)
- Organ Transplantation
- Sepsis (Modified Early Warning Scores –MEWS)
- Systemic Inflammatory Response Syndrome (SIRS)
- Multiple Organ Dysfunction Syndrome (MODS) with Shock and/or DIC (Including withdrawal of care)

#### Metabolism

- Liver Failure
- Pancreatitis
- Addison Disease
- Cushing's

#### Nutrition (to be integrated into the applicable Concepts/exemplars instead of being a stand-alone concept)

- Critically ILL
  - Renal Diet
  - Pancreatic Diet
  - Liver Diet
  - Parental Nutrition

#### Perfusion

- Dysrhythmias (afib, flutter, PVC, PAC, Vfib, Vtach, 3<sup>rd</sup> degree heart block)
- Myocardial Infarction -Sudden Death
- Shock
- Congenital Heart Defects
  - Tetralogy of Fallot (congenital)
  - Patent Ductus Arteriosus (PDA)

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- Septal Defects (VSD)
  - Coarctation of the Aorta
- Aneurysms

#### Tissue Integrity

- Burns

#### Cognition

- Traumatic Brain Injury
- Encephalopathy
- Postpartum Psychosis
- Schizophrenia

#### Interpersonal Relationships

- Violence
  - Intimate partner violence
  - Workplace Violence
  - Elder Abuse
  - Child Abuse
  - Bullying
  - Rape/Trauma
- Personality Disorders
- Crisis Intervention
- Human Trafficking
- Abusive Head Trauma (Shaken Baby syndrome)

The schedule of concept presentation is subject to change. All changes will be announced prior to the schedule change by the instructors in class and by postings in D2L\Brightspace.

#### **Course Grading Information:**

The final course grades (RNSG 2539) will be earned through graded examinations and completion activities:

3 Concept Exams  
1 HESI Exam (HESI 1)  
LEARNING LAB  
REMEDIATION  
FINAL Exam

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All students in RNSG 2539 for Level 4 will be assigned remediation after each unit exam and the HESI exam. The faculty will review the class's overall Exam Soft Strengths and Opportunities report to determine the appropriate remediation for the class. The student will have one week from the date of the assignment to complete the remediation. For each remediation assignment fully completed, a grade of 100% will be added to the Brightspace grade book in the section titled "Remediation". If a remediation assignment is not fully completed or not attempted by the due date, a grade of zero (0) will be added to the grade book for that assignment. The remediation grade total will equal 2% of the student's total grade for the theory course.

Students are required to participate in all class activities, sim lab activities, learning lab activities, presentations, discussions, exam remediations, and the 3-Day HESI Live Review. Students can only miss one-unit exam. Students must inform faculty of missing an exam within one hour prior to the exam. The Final Exam grade will be submitted for the one missed unit exam. At the end of the semester, the grade will be determined and awarded for RNSG 2539.

A grade of "C" or above in the theory courses (RNSG 2138 and 2539) with a concurrent grade of "Credit" in the clinical course (RNSG 2360) are required to participate in the ADN pinning and MCC commencement.

The grading breakdown is as follows:

Exam 1 – 22%
Exam 2 – 22%
Exam 3 – 22%
HESI – 10%
LEARNING/LAB – 2%
REMEDIATION – 2%
FINAL – 20%

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100%

#### **Course Grading Information:**

##### **Learning Lab:**

1. The Learning Lab grade will consist of the grades earned on the Evolve/Hesi Case studies/patient reviews. These count as 2% of the theory grade. If the student does not attend Learning Lab, the student will receive a score of zero for that Learning Lab grade.



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2. Evolve/HESI case studies and/or patient reviews must be completed by midnight the day of simulation with a minimum score of 80%. If a minimum score of 80% is not achieved, no points will be given.
3. Learning Lab cannot be made up.
4. **Students will be prepared and have all necessary equipment when attending simulation. If a student does not have all equipment, they will be sent home.**
5. **Notification of absence:** If a student is going to be absent for any reason, an e-mail notification of absence must be made to the faculty **at least one hour** prior to the start of learning lab/simulation.

#### **Withdrawal from Nursing Courses**

Due to the inter-relationship of nursing courses taught each semester, if a withdrawal from one nursing course is necessary, the student must withdraw from all nursing courses. Each semester's nursing courses is concurrent courses. A student with a failure in a nursing course that is granted re-admission to the program and the failed semester is required to take all the related courses for that specific semester. At no time may a student take only the theory course(s) or clinical course(s) independent from the related courses.

#### **Late Work, Attendance, and Make Up Work Policies:**

1. Graded written work submitted past the date due will have 10% of the total points deducted per each day it is late.
2. Students can only miss one-unit exam. Students must inform faculty of missing an exam within one hour prior to the exam. The Final Exam grade will be submitted for the one missed unit exam.
3. Students must attend the Learning Lab to receive credit for the assignment.

**NOTE:** 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, they will have to wait until break time to enter class. 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

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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.

#### **Student Behavioral Expectations and Conduct Policy**

#### **Professional Expectations for all courses (RNSG 2138, 2539, 2360):**

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/D2L) 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, 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**

### **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](http://www.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) 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](mailto: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/](http://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](mailto: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](mailto:crew@mclennan.edu) or a Success Coach by calling (254) 299-8226 or emailing [SuccessCoach@mclennan.edu](mailto: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](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](https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf).

**MCC Academic Integrity Statement:**

Go to [www.mclennan.edu/academic-integrity](http://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](http://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](mailto: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](mailto: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.