



# RNSG 1533

## Course Syllabus: Spring 2024

*“Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed.”*

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*Office Hours are listed below for Ms. Slider and Mrs. Shaw. **Contact instructor via NTCC email to schedule appointment. Meeting at a time not listed as office hours may also be available by appointment only.***

Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Online
	Clinicals	0700-1030	0730-1030 1330-1630	1030-1430		Via Teams

*This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor/student responsibilities.*

*The information contained in this syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.*

**Course Description: Credit hours: 5**

In-depth coverage of foundational health care concepts with application through selected exemplars. Concepts include acid/base balance, clotting, comfort, elimination, fluid and electrolytes, gas exchange, immunity, metabolism, nutrition, perfusion, cognition, and coping. Emphasizes continued development of clinical judgment skills. This course lends itself to a concept-based approach. (Spring)

**Prerequisite(s):** RNSG 1128, RNSG 1160, RNSG 1430, RNSG 1216, RNSG 1125

**Co-requisites:** RNSG 1126, RNSG 2362

**Student Learning Outcomes:** The Texas State Board of Nurses (BON) provides differentiated essential competencies (DECs) (2021) to guide nursing education programs in developing a curriculum which prepares graduates to provide safe, competent, compassionate care. The competencies from the BON show the expected level of performance, integrating knowledge, skills, abilities, and judgment based upon the preparation in the program of study. The differentiation is based upon the level of the nursing education program which the student is enrolled. The NTCC nursing program director and faculty incorporate the Differentiated Essential Competencies (DECs) (2021) into the student learning outcomes of each course, based on the level of the nursing educational program. The learning outcomes of this course are based on the essential competencies of graduates of Texas Associates Degree Nursing education program.

## Student Learning Outcomes Objectives for RNSG 1533:

1. Utilize a systematic process to analyze selected foundational concepts for diverse patients across the lifespan.
  - Use clinical reasoning and nursing science as a basis for decision-making in nursing practice
2. Describe nursing management for selected foundational concepts.
  - Implement the plan of care for patients and their families within legal, ethical, and regulatory parameters and in consideration of disease prevention, wellness, and promotion of healthy life styles
3. Apply the learned concepts to other concepts or exemplars.
  - Interpret and analyze health data for underlying pathophysiological changes in the patient's status
3. Describe the interrelatedness between foundational concepts to assist in developing clinical judgment.
  - Use clinical reasoning and knowledge based on the diploma or associate degree nursing program of study and evidence-based practice outcomes as a basis for decision-making in nursing practice.

**Course Structure and Overview:** Texas Concept-Based Curriculum and Northeast Texas Community College ADN Program, RNSG 1533 Health Care Concepts II, and 1126 Professional Nursing Concepts II are hybrid courses with a large portion of the reading and homework to be found on the Blackboard Learning platform *and to be completed before coming to class*. Teaching methodologies include didactic and skills laboratory using low and high fidelity simulation to reinforce didactic teaching. Classroom student engagement is essential to student learning and is achieved through group projects, assigned case study research, presentations, and guest speakers. Module exams, ATI testing with active test remediation, group projects, presentations, case studies, and low and high- fidelity simulation for content reinforcement will be utilized throughout this course. The didactic portion of this course is delivered in the classroom but may be changed at any time to “online” format as determined by NTCC leadership.

The student is required to:

- Review definitions of all concepts on assigned concept analysis diagrams prior to the start of class
- Complete required reading and posted assignments on Blackboard prior to the start of the scheduled class or lab
- Attend and participate in all classroom, simulation, and lab activities

**Evaluation/Grading Policy:** Course grades are based on scores; quizzes, exams, special assignments, lab practical examinations and final examinations. Percentages are listed in specific course syllabi. All tests are the property of Northeast Texas Community College and are not to be retained by students. The course schedule of class topics and exams is subject to change as the need arises. A minimum overall grade of 78% is required in all Nursing courses before using that course as a prerequisite for the next course in sequence. In preparation for the State Board examination, the letter grade assigned to all Nursing courses shall be determined as follows:

A= 90–100

B = 80–89

C = 78–79

D = 66–74

F = 65 and below.

The average of the exam grades, before weighted calculation is performed, must be 78% or above to pass the course. Grades will not be rounded when calculating the average (77.5 – 77.9 is not rounded to 78). Students with an exam average of 78 percent or higher will have course grades calculated based on the weighted calculation of the exams and other required course work. A minimum grade of 78% and a letter grade of “C” or higher is required to receive credit for the nursing course. The grade earned in this course will be based on the following criteria:

Module Exams (7) .....	60%
Comprehensive Final Exam (1) .....	15%
ATI Proctored Exams-----	10%
Pop-Quizzes, Discussion Boards, other Assignments -----	15%
<b>Total.....</b>	<b>100%</b>

Additionally, all class examinations are considered to be a major part of the course work upon which a major portion of your final grade will be based. If the total average of the module exams is below 78 percent, the student will not qualify to sit for the final examination and will fail this course. Students enrolled in RNSG 1533 will have the same exam grades for this course as they are taught simultaneously and testing integrates content across courses.

**Exam Policies:** No “review for exam” will be given by instructor. Exam blueprints are posted within Blackboard up to 72 hours prior to the administration of the exam at the discretion of the instructor. Posting of exam grades will be within 72 hours of exam completion to allow time for exam review and analysis by faculty. Students may be required to remediate concepts missed following an exam if the exam grade falls below 80. Students will not see exam questions again to protect exam security. Missed exams are made up at the discretion of the instructor and will be an alternate exam that may contain essay questions. Students should alert their instructor if they anticipate they will miss an exam.

**Late work:** Late work is accepted with a deduction of 10 points per day for a maximum 3 days. After 3 days have passed, the grade is a zero. Students should have a backup plan for potential computer/printer problems and not wait until the last minute to print assignments. It does not matter if the work was done weeks ahead, it will still be counted late. DO NOT rely on the campus printer/Internet system to work; it is the student’s responsibility to be prepared. Student passwords are the responsibility of the student.

**Required Instructional Materials:**

ADN Nursing Faculty. (2022). *Syllabus and Classroom Learning Folder*. Northeast Texas Community College.

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*Nursing: A Concept-based Approach to Learning* (4rd edition, Volume 1), (2022). Upper Saddle River, NJ: Pearson.

*Nursing: A Concept-based Approach to Learning* (4rd edition, Volume 2), (2022). Upper Saddle River, NJ: Pearson.

Hinkle, J., Bruner, & Sudarth’s (2018). *Textbook of Medical-Surgical Nursing* (14th ed.). Philadelphia, PA: Wolters Kluwer.

Jarvis, C. (2020). *Physical Examination & Health Assessment Pocket Companion* (8th ed.). St. Louis, MO: Elsevier.

Ogden, S. J. & Fluharty, L. K. (2016). *Calculation of Drug Dosages*. (11th ed.). St. Louis: Mosby Elsevier.

Publication Manual American Psychological Association. (2020). 7<sup>th</sup> Edition

Yoder-Wise, P (2019). *Leading and Managing in Nursing*. (7<sup>th</sup> Edition). St Louis, MO: Elsevier

Yoost, B.L., & Crawford L.R. (2020). *Fundamentals of Nursing, Active Learning for Collaborative Practice*. (2nd ed.). St. Louis, MO: Elsevier.

### **Recommended Textbooks:**

Hargrove-Huttel, R. A. & Cadenhead Colgrove, K. (2014). *Prioritization Delegation & Management of Care for NCLEX RN Exam*. Philadelphia, PA: F.A. Davis.

Hinkle, J., Bruner, & Sudarth's (2018). *Textbook of Medical-Surgical Nursing* (14th ed.). Philadelphia, PA: Wolters Kluwer.

Leonard, P.C. (2017). *Quick & Easy Medical Terminology* (8th ed.). St Louis, MO: Elsevier.

Silvestri, L. A. (2017). *Saunders comprehensive review for NCLEX-RN*. (7th ed.). London: W.B. Saunders.

Leeuwen, A.V; Bladh, M.L. (2017). *Davis's Comprehensive Handbook of Laboratory & Diagnostic Tests with Nursing Implications*. (7th ed.). Philadelphia, PA: F.A. Davis Company.

### **Optional Instructional Materials:**

Karch, A.M. (2017). *Focus on Nursing Pharmacology* (7th ed.). Philadelphia, PA: Wolters Kluwer.

Marquis, B., & Huston, C. (2018).

*Leadership Roles and Management Functions in Nursing in Nursing* (9th ed.). Philadelphia, PA: Wolters Kluwer.

Videbeck, L. (2017). *Psychiatric Mental Health Nursing* (7th ed.). Philadelphia, PA: Wolters Kluwer.

**Minimum Technology Requirements:** Students are required to have access to a working laptop computer with at least 2 GB free space for use during class sessions and for online testing. Tablets and “Chromebook” computers are not compatible with testing platforms and are not recommended. Students are also required to have access to internet service and not rely on “hot spot” internet as this is also not compatible with testing platforms used.

**Required Computer Literacy Skills:** Students should be familiar with the Office Suite including Microsoft Word. Students should be familiar with how to upload documents, how to send and receive email, and navigate the internet.

**Communications:** NTCC email is the official method of communication between faculty and students in the nursing program. Emails sent to course faculty can expect to be responded to within 24 hours Monday-Friday (Saturday for nights and weekend cohorts). Emails sent on the weekend will be answered the next business day. Faculty and students may communicate via Zoom or Microsoft Teams chat when that technology is in use or during official office hours. At all times, communication should remain professional and respectful with faculty and between students. Refer to the nursing handbook for further communication policy and procedure.

**Student Responsibilities/Expectations:** It is the student's responsibility to read, understand, and follow all policies in the NTCC Nursing student handbook.

**Other Course Policies:** Students, when in class, are expected to be fully engaged in participation and learning. Cell phone usage is limited to class breaks. Class attendance is mandatory and absence from class can have adverse consequences on successful progression within the program. A student who has missed a class, must make up class time. (See attendance nursing handbook). Students are expected to utilize the chain-of-command when a grievance occurs, first communicating with their course instructor. If a resolution is not found, the student would then progress to communication with the director of nursing. If a resolution is still not obtained, the Dean of Health Sciences would be the next appropriate step.

**Volunteer Hours:**

Nursing is a vocation grounded in service to others and to society. Nursing students are expected to "give back" to the community in the form of 4 volunteer hours over the course of the Spring semester with the focus on the adult population.

**Alternate Operations During Campus Closure and/or Alternate Course Delivery Requirements**

In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Northeast Texas Community College to move to altered operations. During this time, Northeast Texas Community College may opt to continue delivery of instruction through methods that include, but are not limited to, online through the Blackboard Learning Management System, online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor NTCC's website (<http://www.ntcc.edu/>) for instructions about continuing courses remotely, Blackboard for each class for course-specific communication, and NTCC email for important general information.

Additionally, there may be instances where a course may not be able to be continued in the same delivery format as it originates (face-to-face, fully online, live remote, or hybrid). Should this be the case, every effort will be made to continue instruction in an alternative delivery format. Students will be informed of any changes of this nature through email messaging and/or the Blackboard course site.

**NTCC Academic Honesty/Ethics Statement:** NTCC upholds the highest standards of academic integrity. The college expects all students to engage in their academic pursuits in an honest manner that is beyond reproach using their intellect and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. This course will follow the NTCC Academic Honesty and Academic Ethics policies stated in the Student Handbook. Refer to the student handbook for more information on these subjects.

**ADA Statement:** It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to request accommodations. An appointment can be made with the Academic Advisor/Coordinator of Special Populations located in Student Services and can be reached at 903-434-8264. For more information and to obtain a copy of the Request for Accommodations, please refer to the special populations' page on the NTCC website.

**Family Educational Rights and Privacy Act (FERPA):** The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights

have transferred are considered “eligible students.” In essence, a parent has no legal right to obtain information concerning the child’s college records without the written consent of the student. In compliance with FERPA, information classified as “directory information” may be released to the general public without the written consent of the student unless the student makes a request in writing.

Directory information is defined as: the student’s name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.

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### **Health Care Concepts Covered;**

#### Acid Base Balance:

- Diabetic Ketoacidosis
- Hyperventilation (Birthing mother, Panic Attack)
- Gastrointestinal Losses (pediatric)
- Drug Overdose with Hyperventilation

#### Clotting:

- Hemophilia
- Deep Vein Thrombosis

#### Comfort

- Sickle Cell Anemia (Chronic Pain, Acute Exacerbation)
- Renal Calculi (Acute Pain)
- Post-Operative Pain- Abdominal Surgery (Acute Pain)
- Peripheral Vascular Disease (PVD) Neuropathic Pain

#### Elimination

- Diverticulitis
- Paralytic Ileus-Bowel Obstruction
- Neurogenic Bladder

#### Fluid and Electrolyte Balance

- Dehydration- Gastroenteritis Elderly and Pediatric
- Extracellular Fluid Volume Access
- Hypocalcemia/Hypercalcemia
- Hypokalemia/Hyperkalemia (Chronic Renal Failure)
- Hyponatremia (Syndrome of Antidiuretic Hormone)
- Hyponatremia (Diabetes Insipidus)
- Hypophosphatemia/Hyperphosphatemia
- Hypomagnesemia/Hpermagnesemia

## Gas Exchange

- Asthma
- Chronic Obstructive Pulmonary Disease (COPD)
- Pneumonia-Aspiration

## Immunity:

- Vaccines
- Otitis Media
- Urinary Tract Infection (Urosepsis)
- Cellulitis
- Pneumonia
- Appendicitis
- Trauma Sprain
- Osteomyelitis

## Metabolism:

- Diabetes Type I
- Diabetes Type II
- Gestational Diabetes
- Grave's Disease (Hyperthyroidism)
- Hypothyroidism

## Nutrition

- Heart Healthy Diet
- Diabetic Diet
- Malnutrition (introduce Parenteral Nutrition)
- Peptic Ulcer Disease (PUD)
- Gastroesophageal Reflux (GERD)
- Malabsorption Syndrome: elderly and Infant (Gastrostomy and Enteral Feedings)
- Starvation: Failure to Thrive
- Infant Nutrition (Breast/Bottle)

## Perfusion

- Basic ECG Rhythms (NSR, ST, SB only)
- Congestive Heart Failure
- Hypertension
- Mitral Valve Prolapse
- Coronary Artery Disease (CAD)
- Peripheral Vascular Disease (PVD)

## Cognition:

- Alzheimer's Disease
- Delirium

## Coping

- Anxiety:
  - Generalized Anxiety Disorder
  - Panic Disorder/Attack
  - Obsessive Compulsive Disorder
  - Eating Disorders: Anorexia Nervosa, Bulimia
- 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)