



Medical-Surgical II VNSG 1432

Course Syllabus: Spring 2019

“Northeast Texas Community College exists to provide responsible, exemplary learning opportunities.”

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	8 to 5	8 to 5	Clinical	Clinical	9-12 by prearranged appointment	8AM-8PM M-F email; Zoom Meeting by prearranged appointment

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.

Catalog Course Description (include prerequisites): Four hours credit. Prerequisite: VNSG 1429. Mandatory co-requisite: VNSG 1261. Continuation of Medical-Surgical Nursing I with application of the nursing process to the care of adult patients experiencing medical-surgical conditions in the health-illness continuum. Integrated concepts of nursing process, nutrition, pharmacology, psychosocial needs and ethical legal issues are addressed in caring for clients with alterations in cardiovascular, neurological, (VNSG 1429) integumentary, musculoskeletal and hematologic, (in VNSG 1330) reproductive, endocrine, immune alterations. Includes a variety of health care settings.

Required Textbook(s):

Elsevier. (2013) Mosby's Dictionary of Medicine, Nursing & Health Professions (9th ed.) ISBN:0323074030

Jarvis, C. (2016). Physical Examination & Health Assessment pocket guide (7th Ed.) St. Louis, MO: Elsevier. ISBN: 9780323265379

Gahart, B.,L. (2017) 2017 Intravenous Medications: A Handbook for nurses and health professionals. (33rd Ed.) ISBN: 9780323297394

Jones & Bartlett. (2017). Nurse's Drug Handbook (17th Ed.) Burlington, MA: Jones & Bartlett Learning. ISBN: 978-1-284099331

Key, J., Marshall, S. (2017). Clinical Calculations with applications to general and specialty areas, (8th ed.). St. Louis, MO: Elsevier ISBN: 978-0323390880

Nix, (2017) Williams' Basic Nutrition & Diet Therapy (17th Ed.) Elsevier. St. Louis, MO. ISBN: 9780323377317

Smith, S., Duell, D., Martin, B., Aebersold, M., Gonzalez, L. (2017). Clinical nursing skills: basic to advanced skills (9th Ed.).Upper Saddle River, NJ: Pearson Education, Inc.
ISBN: 978-0-13-408792-4

Sanders., (2015) Comprehensive Review For NCLEX-PN Exam (6th ed.) ISBN: 0323289312

Vanleeuwen., (2015) Davis' Comprehensive Handbook Lab & Diagnostic Tests (6th Ed.) ISBN: 9780803644052

Williams, L.S., Hopper, P. D., (2015) Understanding Medical Surgical Nursing (5th ed.) F.A. Davis, Philadelphia, PA. ISBN: 978-0-8036-4068-4

Williams, L.S., Hopper, P. D., (2015) Understanding Medical Surgical Nursing study guide (5th ed.) F.A. Davis, Philadelphia, PA. ISBN: 978-0-8036-4069-6

Yoost, B.L., Crawford, L.R., (2016) Fundamentals of Nursing. Elsevier. St. Louis, MO. ISBN:978-0-323-29557-

Yoost, B.L., Crawford, L.R., (2016) Fundamentals of Nursing study guide. Elsevier. St. Louis, MO. ISBN: 9780323358538

Publisher: see above

ISBN Number: see above

Recommended Reading(s):

Refer to Blackboard Learning system for specific course work.

Student Learning Outcomes:

The Texas State Board of Nurses (BON) provides differentiated essential competencies (DECs) (2010) 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) (2010) 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 Vocational Nursing education program.

STUDENT LEARNING OUTCOMES:

Student outcomes that meet Differentiated Entry Level Competencies are as follows:

1. Compare and contrast normal body functions with that of pathological variations.
2. Identify disease processes by definition, assessment and diagnostics.
3. Assist in formulation of a plan of care utilizing the nursing process for medical-surgical conditions which include hematologic, cardiovascular, neurologic, musculoskeletal, endocrine, integumentary, and immune disorders.

4. Provide patient/family education.

WECM

1. Explain the components of the health-illness continuum.
2. Assess prevalent medical-surgical conditions affecting the adult client.
3. Utilize the nursing process to assist in developing a plan of care for selected medical-surgical conditions.

Specific outcomes of this course:

The student will be able to:

1. Recognize causes of disease and illness, to include microorganisms and communicable diseases, physical agents, chemical agents, cellular abnormalities, trauma, genetic transmission, and participation in high-risk activities.
2. Demonstrate appropriate nursing care during the diagnostic and assessment phase of patient care.
4. Set appropriate nursing goals for patients with common medical and surgical conditions, with consideration of the patient's physical, social, cultural and psychological needs.
5. Demonstrate appropriate nursing interventions and recognize appropriate medical treatment for patients with medical and surgical conditions, with an emphasis on patient safety and comfort.
6. Recognize expected patient outcomes for patients with medical and surgical conditions and initiate appropriate action if expected outcome is not achieved.
7. Identify and will
8. Communicate appropriate use of referrals to community resources.
9. Demonstrate appropriate preventative/health promotion activities in patient/family education.
10. Demonstrate appropriate activities to promote the rehabilitative process.
11. Demonstrate critical thinking ability.
12. Discuss appropriate interventions and resolutions for ethical dilemmas.
13. Demonstrate ability to safely provide advanced nursing skills under the VN scope of practice.

Exemplary Educational Objectives:

N/A

SCANS SKILLS:

The Secretary's Commission on Achieving Necessary Skills (SCANS) was established to identify two types of skills: competencies and foundations necessary for success in the work place.

Specific VN program student SCANS competencies include:

Basic Skills: reading, writing, arithmetic and mathematical operations, listening, speaking.

Thinking Skills: creative thinking, decision making, problem solving, visualization, knowing how to learn and reason.

Personal Qualities: responsibility, self-esteem, sociability, self-management, integrity and honesty.

Resources: time, money, materials, and human resources.

Information: acquires, evaluates, organizes, maintains, interprets, and uses computers.

Interpersonal: participates in teams, teaches others, serves clients, exercises leadership, negotiates, works with diversity and serves as an advocate.

Systems: understands systems, monitors and corrects performance, improves or designs systems.

Technology: works with a variety of technologies.

Lectures & Discussions:

Teaching methodologies include didactic and skills laboratory using low and high fidelity simulation to reinforce didactic teaching with BlackBoard Learning System on the NTCC website to be used in this course. Classroom student engagement is essential to student learning and is achieved through group projects, assigned case study research/presentations, and guest speakers. Module exams, an ATI/Kaplan cumulative final testing, group projects/case studies during face-to-face class time, homework using student study guide, with low and high-fidelity simulation nursing lab content reinforcement will be utilized throughout this course.

Evaluation/Grading Policy:

The student is expected to achieve a cumulative module test grade of a "true" 75% or better (refer to VN student handbook for specific verbiage IE: no rounding of 74.9.) to be eligible to sit for the final exam. The final course grade will be rounded using rounding rules. Successful completion of this course assists in preparation of the student to take the National Council State Boards of Nursing (NCLEX-PN) licensure examination.

The grade earned in this course will be based on 7 module exams and a Kaplan and ATI medical-surgical comprehensive test with test remediation for ATI/Kaplan final exams. The math exam is considered a pass/fail score and is not figured into the overall course grade.

Grading Scale:

A= 90-100 points

B= 80-89 points

C= 75-79 points

F= below 75 points

Tests/Exams:

Total course grade breakdown is as follows:

Seven (7) Module Exams at 10% ea – 70%

Assignments & Participation – 10%

ATI Cumulative Final Exam – 10%

Kaplan Cumulative Final Exam – 10%

Course Grade Total – 100%

Module content with exam breakdown as follows:

Module 1: Cardiovascular Part 1 with exam

Module 2: Cardiovascular Part 2 with exam

Module 3: Hematologic and Lymphatic System with exam

Module 4: Endocrine System with exam

Module 5: Immune System with exam

Module 6: Neurology System with exam

Module 7: Musculoskeletal System with exam

Kaplan and ATI comprehensive medical-surgical exams with remediation

Assignments:

Dosage Calculations competency:

Advanced math dosage examination is required to work in the clinical environment and perform medication administration. A passing grade of 100 % will be required to continue in the VN program. This math dosage calculations exam will include pediatric dosage calculations, IV therapy dosage calculations, IV fluid volume to be infused, and infusion drop rate calculations. The student will have up to three (3) attempts to pass this math exam. The math exam grade, which is pass/fail, will not be calculated with this course grade. After 3 attempts, if the student has not passed the math dosage examination with 100% success, the student will be dismissed from the VN program

Skills competencies:

1. Intravenous Therapy competency skills evaluation is a mandatory skill which must be successfully mastered during this semester in order to pass the course. The student has up to three (3) attempts to prove safe competence of IV administration and therapy.
2. Phlebotomy competency skills evaluation is a mandatory skill which must be successfully mastered during this semester in order to pass the course. The student has up to three attempts to prove competency.
3. 12- Lead EKG administration is a group exercise competency that will be successfully mastered in a group skills setting and use of the high-fidelity simulation environment.
4. Tracheostomy care and management competency skills evaluation is a mandatory skill which must be successfully mastered during this semester in order to pass the course. The student has up to three attempts to prove safe competence of nasogastric insertion and care.

Objectives

The student will be required to show acknowledgement and understanding of each Module Level objective that addresses overall Course Level objectives. In order to measure this, the student will be required to show how they are addressing this requirement in their course notes and submit as an assignment via the discussion board at the end of each module.

Other Course Requirements:

Computer access and dependable internet access with basic computer knowledge; VN nursing uniform and white lab coat; assessment supplies listed in the 2018-2019 NTCC Vocational Nursing Handbook.

Student Responsibilities/Expectations:

All students in this course are expected to adhere to policies and procedures outlined in the NTCC Nursing Student Handbook as well as the NTCC Student Handbook located online.

NTCC Academic Honesty Statement:

"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."

Academic Ethics

The college expects all students to engage in academic pursuits in a manner that is beyond reproach. Students are expected to maintain complete honesty and integrity in their academic pursuit. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. Refer to the student handbook for more information on this subject.

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 the College Connection. The person can be reached at 903-434-8104. For more information and to obtain a copy of the Request for Accommodations, please refer to the [NTCC website - Special Populations](#).

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.

Other Course Policies:

Cell phones, smart phones, and smart watches will be placed on vibrate in the student backpack during class and accessed only at classroom breaks. Please notify faculty before class if you are expecting an emergency call so arrangements can be made.