NORTHEASTERN TECHNICAL COLLEGE
COURSE OUTLINE

COURSE:  PREFIX  NO:  EFFECTIVE DATE  NEXT REVIEW DATE
NUR 210  August 2015  August 2016

TITLE  CREDITS  CONTACTS  CLASS - LAB - TOTAL
Complex Health Problems  5  2 - 9 - 5

PREREQUISITES: BIO 211, NUR 220 and NUR 163 with a grade of “C” or better.

DESCRIPTION: This course expands application of the nursing process in meeting the needs of patients with complex health problems. Building on previous semester’s knowledge and skills, students will explore chronic disease management, rural health problems, and multi-system problems. Family and patient teaching will be emphasized as learners rotate to in-patient and out-patient care agencies.

TEXTBOOK(S) OR ALTERNATIVE: All books from NUR classes and AHS 126
ISBN: 978-0-8036-2743-7

Recommended:

APA manual for formatting papers

MATERIALS (specifying those to be purchased by student): Uniforms and lab/clinical supplies such as scissors, black ball point Pen (no gel pens), hemostats, stethoscope/blood pressure cuff, pen light, watch with second hand, note tablet, Drug Guide book, Diagnostic/Lab book and school ID badge. Clinical rotations will require appropriate nursing uniforms/supplies designated by instructor. Instructor will inform student of other materials needed prior to lab/clinical rotation.
COLLATERAL READING: To be assigned by the instructor.

CLASS MANAGEMENT ACTIVITIES (Attendance, tardies, testing, etc.):
Academic Dishonesty: NETC honors the state SCTCS Student Code with regard to Academic Dishonesty. Students should read the NETC College Catalog and Associate Degree Nursing Handbook. A copy of the Student Code is available at www.netc.edu.

Statement on Written Assignments: The instructor reserves the right to refuse any paper, which is messy or unreadable, or appears to be copied. Incorrect grammar and spelling errors will be noted. Papers will be graded on the basis of content, organization, grammar, and neatness. APA format will be required for any papers written for this class unless instructed otherwise. No handwritten papers will be accepted unless otherwise specified by instructor. All handwritten assignments must be neat and legible to receive credit for your work. Clinical assignments such as care plans/concept maps will be done as specified by clinical instructor.

Attendance and Tardy Policy:
Classroom – The student is responsible for material covered in any class or lab. A student may miss a maximum of up to 4.0 scheduled class hours (1 day). It is strongly advised that students attend all classes. Three tardies will equal one absence. A student will be considered tardy if he/she comes into the classroom after the roll has been called or class has begun or if they leave the classroom 10 minutes before the class ends unless approved by the instructor.

Clinical – Students are required to attend 100% of the stated clinical hours in each Nursing course. If the student misses 12 or less (1 day) clinical hours due to illness, death of a family member or unpreventable circumstance, the student will make up the hours according to the guidelines stipulated by the Nursing Department. Make-up of the clinical time must be completed before the end of the term. If additional absences occur (beyond hours stated above), the student may be subject to clinical failure, which may result in the student receiving an “F” for the course due to excessive absences in clinical. A student may be considered tardy if he/she arrives after the official clinical starting time and may not be allowed to enter into the clinical area, resulting in a clinical absence. In the event of a clinical absence, the student must notify the appropriate clinical instructor ONE HOUR before the designated start time of that clinical rotation.

Failure to notify the clinical instructor prior to clinical absence will be considered unethical performance and may result in clinical failure.

Classroom and Clinical Tardy: Tardy is defined as arriving at a clinical, agency site or to the classroom after the assigned start time. More than ten (10) minutes tardy will be considered an absence. Students that leave the class greater than ten (10) minutes before
the end of the class will be given a tardy for the day unless prior arrangements have been made with the instructor. Three tardies are equivalent to one absence in the classroom and clinical setting. Each tardy in the lab/clinical setting may result in an unsatisfactory (U) for the clinical day. A tardy of 10 minutes or more from the clinical setting is considered being unprepared for clinical and may result in the student being sent home for the day.

Professional behavior is expected at all times in the clinical setting. Any unprofessional behavior may be subject to disciplinary action.

**Testing/Final Exams:** There will be no retests. Makeup tests will be allowed only for valid excuses for missing the examination and prior contact is made. A grade of “F” may be recorded for any test missed. If a problem should arise, a test may be taken early at a time established by the instructor. To be eligible to make up a test, the student must contact the instructor prior to the class time of the day the test is issued. The student may leave a phone message or e-mail explaining their situation and the timestamp on message must meet the deadline stated in the previous sentence. The instructor will return the call or respond to the e-mail indicating if the excuse is acceptable and the day and time the test can be taken. If the student is allowed to make up the test, they are expected to make up the missed test on your first day back to school or date designated by instructor. Failure to do so will result in a grade of zero (0) for that test. The test will be left in the Success Center. The student will need to present their student ID badge in order to take the test. The instructor reserves the right to administer a full discussion test or a test other than the original test for the makeup test.

Tests will be graded and returned for in-class review no later than two (2) weeks after the date the test is administered. Tests will not be returned until all students have taken the test. Tests are not to be taken from the classroom and must be returned to the instructor after review. Failure to return your test to the instructor will result in an “F” for that test. **If a student wishes to review a test in greater detail, the student should make an appointment with the instructor to do so.** Students will have one (1) week to review test, contest an item on the test, or contest the test grade. After the week has passed, the grade is considered final. ATI Final Exams and NCLEX Exams are graded by the computer and NETC instructor has no ability to change the grade that has been designated by the computer on either of these test programs. Grades on test will not be changed after the grade is considered final.

Final exams will only be administered on the designated date and during the designated time for that particular class. The instructor will notify students about the date and time.

**Electronic Devices:** All electronic devices (cell phones, pagers, etc.) must be turned off during class/clinical time. These devices are not part of the instructional environment and may be confiscated by the
instructor if utilized during these times. E-books are allowed during class but you must have them charged before coming to class due to the limited amount of plug-ins available in the classroom for use. If a student is a member of emergency preparedness, there must be authorization from the Dean of Student Services to keep the device on during these times.

**Identification Badges:** The College requires that students wear their Northeastern Technical College identification badge at all times while on campus and within the clinical setting area. Failure to wear ID badge may result in the student not being allowed to enter into the classroom or clinical setting which would result in the student receiving an unsatisfactory (U) grade for his/her clinical rotation for that day.

**Classroom Etiquette:** An integral part of an education is developing a sense of integrity, responsibility, and professionalism, not only toward instructors, but also toward other students. In the classroom, as on the job, exhibiting appropriate behavior reflects on your maturity. Arriving late to class, being unprepared, inappropriate talking while class is in session, etc. negatively reflects on you and your fellow students. Please be considerate.

**Disabilities Statement:** Students with disabilities are encouraged to contact the Dean of Student Services to discuss needs or concerns as they pursue an academic program and participate in campus life. The Dean of Student Services will provide guidance regarding official documentation of disabilities and/or accommodation of needs. (See College Catalog)

**RESOURCES (A-V, persons, tools/equipment):**

1. Lecture/Discussion
2. Demonstrations and return demonstrations
3. Care of selected patients
4. Audiovisuals and computer simulations
5. Handouts
6. Clinical conferences
7. Written assignments
8. Tests
9. Role playing
10. Assigned reading
11. Independent study
12. Library research activities
13. Videos

Educational resource testing and remediation as assigned.

Moodle and other computer assisted instructions.
COURSE TOPICAL OUTLINE (List topics and sub-topics of course) and Calendar or approximate length of time devoted to topic.

PLANNED CONTENT SCHEDULE

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Problems of Mobility: Management of Patients with Problems of the Musculoskeletal System</td>
<td>Review of Syllabi, Web Enhancement materials, online resources, etc. 52 Assessment of the Musculoskeletal System</td>
</tr>
<tr>
<td>2</td>
<td>Musculoskeletal (cont.)</td>
<td>53 Care of Patients with Musculoskeletal Problems 54 Care of Patients with Musculoskeletal Trauma</td>
</tr>
<tr>
<td>3</td>
<td>Problems of Digestion, Nutrition, and Elimination: Management of Patients with Problems of the Gastrointestinal System</td>
<td>55 Assessment of the Gastrointestinal System 56 Care of Patients with Oral Cavity Problems</td>
</tr>
<tr>
<td>4</td>
<td>Problems of Digestion, Nutrition, and Elimination</td>
<td><strong>TEST 1: Chapters 52,53,54,55,56</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>57 Care of Patients with Esophageal Problems 58 Care of Patients with Stomach Disorders</td>
</tr>
<tr>
<td>5</td>
<td>Problems of Digestion, Nutrition, and Elimination</td>
<td>59 Care of Patients with Noninflammatory Intestinal Disorders 60 Care of Patients with Inflammatory Intestinal Disorders 61 Care of Patients with Liver Problems</td>
</tr>
<tr>
<td>6</td>
<td>Problems of Digestion, Nutrition, and Elimination</td>
<td><strong>TEST 2: Chapters 57,58,59,60,61</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>62 Care of Patients with Problems of the Biliary System and Pancreas 63 Care of Patients with Malnutrition and Obesity</td>
</tr>
<tr>
<td>Week</td>
<td>Topics</td>
<td>Chapters</td>
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<td>------</td>
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<tr>
<td>7</td>
<td>Problems of Regulation and Metabolism: Management of Patients with Problems of the Endocrine System</td>
<td>64 Assessment of the Endocrine System 65 Care of Patients with Pituitary and Adrenal Gland Problems 66 Care of Patients with Problems of the Thyroid and Parathyroid Glands 67 Care of Patients with Diabetes Mellitus</td>
</tr>
<tr>
<td>8</td>
<td>Problems of Excretion: Management of Patients with Problems of the Renal/Urinary System</td>
<td>TEST 3: Chapters 62,63,64,65,66,67 68 Assessment of the Renal/Urinary System 69 Care of Patients with Urinary Problems</td>
</tr>
<tr>
<td>9</td>
<td>Renal/Urinary System</td>
<td>70 Care of Patients with Renal Disorders 71 Care of Patients with Acute Kidney Injury &amp; Chronic Kidney Disease</td>
</tr>
<tr>
<td>10</td>
<td>Problems of Reproduction: Management of Patients with Problems of the Reproductive System</td>
<td>TEST 4: Chapters 68,69,70,71 72 Assessment of the Reproductive System 73 Care of Patients with Breast Disorders 74 Care of Patients with Gynecologic Problems</td>
</tr>
<tr>
<td>11</td>
<td>Reproductive System</td>
<td>75 Care of Male Patients with Reproductive Problems 76 Care of Patients with Sexually Transmitted Diseases</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>TEST 5: Chapters 72,73,74,75,76  ATI Practice Exams for Med-Surg A &amp; B – Due by Monday of Week 13 (Count as 2 quiz grades)  Silvestri: Adult Health: Physical Exam due by week 13</td>
</tr>
</tbody>
</table>
The above outline is a planned tentative outline; the instructor reserves the right to add or delete as needed and in the best interest of the student learner.

**LEARNING OUTCOMES:** Student will be able to:

**Caring**
1. Demonstrate consistent care to patient with chronic multisystem health problems within inpatient and outpatient and rural settings.
2. Utilize the nursing process for patients experiencing selected chronic health and multisystem problems that interfere with the ability to meet their basic human needs.
3. Describe the Emergency Department (ED) environment, including vulnerable populations and health care team members.
4. Identify safety procedures to prevent staff and patient injury in the ED.
5. Evaluate patient for chronic multisystem and health problems.
6. Evaluate patient needs in reference to referral to other members of the health care team.

**Communication**
1. Assess communication skills essential for ED practice.
2. Communicate pertinent data through written and verbal methods using clear, concise terminology and following the identified standards of nursing practice with patients having complex health issues.
3. Use effective communication while maintaining client and organizational confidentiality.
4. Demonstrate consistent communication and technology skills when interacting with patient, family, peers, faculty and members of the health care team.

**Critical Thinking**
1. Demonstrate characteristics of independent study and critical thinking.
2. Demonstrate safety techniques in the nursing management of parenteral fluid therapy.
3. Prioritize interventions for patients who have specific fluid and Electrolyte imbalances.
4. Demonstrate proficiency in dosage calculation and administration in caring for patient with complex health problems.
5. Utilize the nurse process to provide care to patient with multisystem health problems.
6. Value patient needs related to cultural, religious, age, gender, lifestyle factors as part of their nursing care.

Teaching and Learning
1. Utilize appropriate patient education methods to teach safety needs to patients, support persons and family that may impact health, maintenance and wellness.
2. Designs health teaching based on identified patient needs to promote and maintain health and reduce risks with complex health problems.

Professionalism
1. Summarizes the nurse’s role in the changing health care market place and the importance of continued growth toward professionalism.
2. Recognize the impact of economic, political, social, and democratic forces on the delivery of health care.
3. Summarizes the nurse responsibility as a member of the health care team within the legal, ethical, and regulatory framework and standards of professional nursing practice.
4. Function as a patient advocate to set goals for adaption and rehabilitation needs associated with chronic illness or multisystem problems.

COLLEGE WIDE COMPETENCIES:
1. Identify and use sources of information by utilizing information processing skills compatible with job demands in a computer-literate society.
2. Solve problems incorporating effective decision-making, reasoning and creativity.
3. Apply mathematical/computational skills to solve problems.
4. Practice interpersonal skills and teamwork in their lives and chosen careers.
5. Perform professional/technical skills which are appropriate and ethical for their chosen disciplines.

INSTRUCTIONAL METHODS:
1. Lecture
2. Audio-visual aids
3. Class discussion
4. Group discussion
5. Case studies
6. Group and/or individual project(s)
7. Written assignments
8. Role-play
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9. Reference readings
10. Moodle and/or other computer-assisted instructions

EVALUATIVE METHODS TO APPRAISE OUTCOMES:
Course grades will be derived from theory and practice (lab and clinical rotations). A grade below 78 in theory or an unsatisfactory lab or clinical evaluation constitutes failure of the course regardless of either scoring individually. (See Student Handbook for progression.)

ASSESSMENT TOOLS: May include:
1. Clinical evaluation tool
2. Objective tests
3. Quizzes/projects/written assignments
4. Final exam
5. ATI testing
6. Patient care plan
7. Skills check sheet

GRADING SCALE:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score Range</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>86-92</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>78-85</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>70-77</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>69 &amp; below</td>
<td>0</td>
</tr>
</tbody>
</table>

Grading is as follows:
5 tests & Saunders review = 6 tests (10% each)
Quizzes = 10% total
Care Plan/project = 10%
Final ATI = 20%

Clinical is pass/fail, but must be passed successfully to pass course.

GRADING SCALE FOR ATI FINAL EXAM:

<table>
<thead>
<tr>
<th>Level</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>80</td>
</tr>
<tr>
<td>1</td>
<td>60</td>
</tr>
<tr>
<td>Below 1</td>
<td>0</td>
</tr>
</tbody>
</table>

CLINICAL EVALUATION:
Patient Care Areas: The student is allowed a maximum of two (2) unsatisfactory markings on the NUR 210 Clinical Performance Evaluation. If a student receives more than two (2) unsatisfactory markings on the Clinical Performance Evaluation sheet, he/she will receive an unsatisfactory evaluation for the total NUR 210 clinical rotation which will result in failure to meet minimal requirements for the class regardless of your class grade. If a student jeopardizes patient safety or engages in unethical or illegal behavior, this will result in a clinical course grade of failure.
CLASS/CLINICAL GUIDE

1. All written work must have your name on it. You will not receive credit for your work if your name is not on the paper.
2. One-half (1/2) point will be taken off for each misspelled word. This applies if the same word is misspelled more than once.
3. Students are expected to be fully prepared for each class or clinical rotation. This includes ID badge, scissors, black ballpoint pens, drug book, small note pad, etc.
4. Assignments are to be turned in by the assigned date/time. If you are unable to turn in the assignment, make arrangements to have the assignment turned in for you. Failure to turn assignment in by assigned date/time will result in 5 points being taken off for each day assignment is late, including weekends and holidays. Clinical assignments are to be turned in by date/time designated by instructor or you will receive an unsatisfactory (U) for Med-Surg clinical for that week. (Clinical is only one day/wk.)
5. Students are to arrive at the clinical facility on time, in full uniform. (This includes ID and accessories). The uniform is to be clean and ironed, along with clean shoes. Uniforms are to be worn in the clinical setting only or when instructed by the nursing faculty. Tattoos are to be covered, no hoop or dangling earrings, no colored nail polish or artificial nails. Shoes are to be full shoes with closed heels and toes. (See Associate Degree Nursing Program Handbook for clinical student uniform/dress code).
6. There is to be no eating or drinking in the classroom, simulated lab, or computer area. The only exception to this is bottled water which you may bring to class.
7. Students are required to perform designated practice exams of Saunders Comprehensive Review for NCLEX-RN Companion CD-ROM with a minimum scoring of 85%. A copy of the result of these practice exams is to be presented to the instructor on the date designated by the instructor. This will count as a quiz grade.
8. Students are required to perform the designated ATI practice exams with a minimum scoring of 85%. A copy of the result of these practice tests is to be presented to the instructor on the date designated by the instructor. This will count as a quiz grade. (See planned content schedule)
9. Students who do not make a minimum of 78 on theory test are required to perform the remedial training portion of the Assessment Technologies Institute (ATT) Educational Testing on subjects covered on that theory test. Documentation of completion of the remedial portion has to be provided to the instructor prior to the next theory test. Students who do not provide the remedial training portion prior to the next scheduled theory test will not be allowed to take the scheduled test.
10. You will be required to do at least one complete Care Plan with Care Map which will include pathophysiology and how it relates to your patient, physical assessment form, labs with interpretation, and med cards during your Med-Surg rotation. Date to be turned in will be determined by your clinical instructor. Your clinical instructor will grade your care plan/map. If you fail to turn in your plan by date designated by your clinical instructor, you will receive an unsatisfactory for the plan. Remember, you are only
allowed to make 2 “U’s” in clinical to pass. If you exceed your quota, you will be dismissed from the program regardless of your class grade and will not be able to progress in the ADN program. Your clinical instructor may designate other assignments during your clinical rotation period. Failure to comply with any assignment as instructed will result in a grade of “U” unsatisfactory for that assignment.

11. You will be given a Saunders NCLEX Review Med-Surg exam prior to your ATI final exam. This exam will count as a test grade to be calculated with your other six test grades. Date and time for this exam will be posted later in the semester.

**ATI TESTING GUIDE:**
ATI testing, both practice and proctored will occur consistently throughout the Associate Degree Nursing (ADN) Program. Dates and times for these exams will be posted in advance in the classroom and on Moodle. Grading for this exam is stated above.

Successful completion of NUR 210 is contingent upon both completion of course work, including the ATI final exam, and a satisfactory grade in clinical.