WEBER STATE UNIVERSITY

SCHOOL OF NURSING

COURSE SYLLABUS 2015-2016

**Nursing 2100 - Pharmacology for Nurses**

1. **COURSE NUMBER AND NAME:**

Nursing 2100 - Pharmacology for Nurses

1. **CREDIT AND CONTACT HOURS**:

Nursing 2100 - Three (3) credit hours. Three (3) contact hours per week.

1. **COURSE DESCRIPTION:**

Basic pharmacological treatments used by the nurse to promote health across the lifespan. Included in the course will be administering medications safely through various routes and specific agents that affect health and well-being.

1. **COURSE OUTCOMES:**

 Upon completion of this course, the student will be able to:

1. Describe the foundational strategies for actively involving patients and families in enhancing therapeutic medication effectiveness and minimizing adverse effects as part of providing patient centered care.
2. Review the interdisciplinary collaboration and team member roles essential to safe and efficient pharmacotherapy systems for medication orders, preparation, administration, and evaluation of the outcome of pharmacotherapy.
3. Identify and use sources of best clinical evidence to support nursing practice in patient assessment, medication preparation, medication administration, and evaluation of effectiveness of pharmacotherapy.
4. Explain the role of the nurse in the use of outcomes of medication therapy to revise and improve the pharmacotherapy plan for a patient.
5. Characterize application of national safety initiatives to the design of pharmacotherapy equipment and medication administration environments and processes which are designed to decrease or eliminate medication errors.
6. Explain how electronic medical records, electronic sources of health care information, and communication technology support safe pharmacotherapy.
7. **COURSE CONCEPTS:**

Safety, Legal Issues, Metabolism, Elimination, Assessment, Caring Interventions, Clinical Decision Making, Patient-centered Care, Teaching and Learning, Peripheral Nerve Regulation, Comfort, Inflammation, Thermoregulation, Intracranial Regulation, Cognition, Mobility, Perfusion, Fluid & Electrolytes, Oxygenation, Nutrition, Elimination, Reproduction, Sexuality, and Infection

**F. TEACHING STRATEGIES:**

Teaching strategies are selected based on the method of delivery and may be site specific:

* Selected Readings
* Lecture and structured presentations
* Focused discussions
* Written assignments
* Collaborative learning activities
* Videos, computer based learning tools, web sites, and web accessible learning tools
* Case presentations
* Clicker quizzes

**G. METHODS OF EVALUATION:**

 Methods of evaluation include any or all of the following:

* Examinations
* Class participation
* Written assignments
* Case presentations, responses to structured discussion, or critical thinking exercises
* Clicker quizzes

Grading Scale:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 100-95% = A |  89-87% = B+ |  79-77% = C+ |  69-67% = D+ |  59% and below = E |
|  94-90% = A- |  86-83% = B |  76-73% = C |  66-63% = D |  |
|  |  82-80% = B- |  72-70% = C- |  62-60% = D- |  |

Students must have an 80% average in this course to pass the course and continue in the nursing program. (Refer to School of Nursing Student Handbook)

**To receive a grade, all course requirements must be met.**

**In accordance with the School of Nursing Student Handbook, a student must achieve at least an 80% average score on the combined unit-exam and final-exam test scores.  Failure to achieve an average examination score of 80% or higher in a course at the conclusion of the semester will result in a failing course grade.**

  Rounding – Any grade below an 80% (79.5) will not be rounded.

            All other grades will be rounded at 0.5 (i.e. 94.5 can be rounded to an A).

Evaluation Incentive – Each semester course and faculty evaluations will be available online in Chi Tester. Students who complete both course and faculty evaluations will receive a 1% completion incentive that will be added to their final grade. Any student who is at a failing grade during this time will not be allowed the 1% evaluation incentive.

**H. REQUIRED TEXT(S):**

Adams, M. P., & Urban, C. Q. (2016). *Pharmacology: Connections to nursing practice* (3rd ed.). Upper Saddle River, NJ: Pearson Education.

Nursing Drug Guide Reference of the student’s choice (either hard copy or electronic)

Electronic response system device (clickers)

**I. RECOMMENDED TEXT(S):**

Adams, M. P., & Urban, C. Q. (2013). *Student workbook and resource guide for pharmacology: Connections to nursing practice.* Upper Saddle River, NJ: Pearson Education.

Giangrasso, A. & Shrimpton, D. (2013). *Ratio & proportion dosage calculations* (2nd ed.).Upper Saddle River, NJ: Pearson Education.

**J. COURSE FORMAT:**

Unit 1- Safety Standards in Pharmacology for Nurses

 Unit 2-Physiologic Concepts of Pharmacology for Nurses

Unit 3- Patient Centered Care in Pharmacology for Nurses

Unit 4- Pharmacology affecting Peripheral Nerve Regulation (ANS)

Unit 5- Pharmacology affecting Comfort

Unit 6- Pharmacology affecting Intracranial Regulation (CNS: Anxiety, Sleep, Cognition, & ADHD)

Unit 7- Pharmacology affecting Mobility (Neuromuscular & Musculoskeletal)

Unit 8- Pharmacology affecting Endocrine Disorders

Unit 9- Pharmacology affecting Perfusion (Cardiovascular-HTN)

Unit 10- Pharmacology affecting Perfusion (Cardiovascular-Heart failure, Coagulation)

Unit 11- Pharmacology affecting Oxygenation

Unit 12- Pharmacology affecting Nutrition and Elimination

Unit 13- Pharmacology affecting Reproduction/Sexuality

Unit 14- Pharmacology affecting Infection

**K.        PROFESSIONAL CONDUCT:**

Students are expected to abide by the WSU student code and the Nurse Practice Act of the State of Utah. Plagiarism or any other form of cheating will result in failure of the course and probable dismissal from the BSN program. WSU subscribes to Turnitin.com, an electronic service that verifies the originality of student work. Enrollment in this course may require you to submit some or all of your assignments to it this semester, and documents submitted to TurnItIn.com are retained anonymously, in their databases. Continued enrollment in this course constitutes an understanding of an agreement with this policy.

**L. SYLLABUS DISCLOSURE STATEMENT:**

 The syllabus is the governing document for this course. Your decision to take this course amounts to your tacit consent to the conditions of this syllabus. The professor, as well, is bound by the terms of this syllabus and may not make any significant changes unless they are approved by the class as a whole.

**M.**       **SERVICES FOR STUDENTS WITH DISABILITIES:**

Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in Room 181 of the Student Services Center (or Room 256, Bldg 2 at the Davis Campus). SSD can also arrange to provide course materials (including this syllabus) in alternative formats upon request. Contact SSD by phone at 801-626-6413 (Ogden Campus) or 801-395-3442 (Davis Campus); or by email at ssd@weber.edu.