COURSE TITLE: Etiology, Assessment and Treatment of Pain for the Health Care Professional

SEMESTER: Spring 2017

COURSE NUMBER: Nursing: UPNG 491
Pharmacy: PHPR 427

CREDIT HOURS: 3 credits

COURSE PLACEMENT: Nursing: Junior or Senior
Pharmacy: PY2 or PY3 year
Capped at 30 students Spring 2017

PRE-REQUISITES: Nursing: UPNS309 Pharmacology
Pharmacy: Successful completion of PY2 year

MEETING TIMES AND LOCATION: Thursdays 15:00 to 17:50
Class: Bayer 318
Simulation Activities: 502 Liebermann

FACILITATOR: Lynn M. Simko, PhD, RN, CCRN
Clinical Associate Professor
515 Fisher Hall
412-396-5096 (office)
simko@duq.edu

Diane Rhodes, BSPharm. R.Ph.
Instructor Division of Pharmacy Practice
409 Mellon Hall
412-396-6119 (office)
rhodesd@duq.edu

OFFICE HOURS: By appointment; best method of contact is by e-mail

COURSE DESCRIPTION: This course is designed on an interdisciplinary approach (pharmacy, nursing, physical therapy and physician’s assistant) for the assessment and management of pain. This course builds on previously learned knowledge of natural and human sciences, pharmacology, health assessment,
conceptual foundations of practice and skills and technologies required to practice professionally. Increasingly complex concepts related to pain management, the integrity of biological, psychosocial, spiritual, and environmental health are presented. Concepts of cultural care, therapeutic nutrition, ethics, critical thinking and professional practice will be integrated throughout the course. Previously learned and advanced concepts reflecting the uniqueness of a person’s pain experience and health experience will be integrated to provide holistic care to adult clients experiencing acute/chronic illness.


METHODS OF EVALUATION: Evaluation is based on achievement of course objectives as demonstrated by performance of the following criteria:

Theory:
- Midterm: 50 points
- Final: 50 points
- Reflection paper: 50 points
- Video Review on “What Not to Do”: 50 points
- Simulation #1: 25 points
- Simulation #2: 25 points
- Simulation #3: 25 points
- Simulation #4: 25 points
- “Care Plan” Assignments-
  - #1: 25 points
  - #2: 25 points
- Class Presentations: 50 points
- Pain Empathy Kit Bonus: 25 points

Total 400 points = 100%

GRADING POLICY: The grading scale adopted by the School of Nursing will be used to assign a Final theory grade for the course.

Grading Scale:
- 92% -100% = A
- 83% - 91% = B
- 74% - 82% = C
- 73% - 65% = D
- 64% or below = F

COURSE OBJECTIVES: 1. Apply knowledge of natural and human sciences to the human responses of adult/pediatric/neonatal clients experiencing acute/chronic
2. Apply concepts of cultural care, ethics and critical thinking in the care of the client experiencing acute/chronic pain.

3. Apply teaching/learning principles to meet the health education needs of the adult client/family experiencing acute/chronic pain.

4. Demonstrates the ability to communicate appropriately with adult clients, families, multi-disciplinary health team members, peers, and instructors.

5. Collaborate with multi-disciplinary health team members to assist the adult client in making health care decisions.

6. Utilize research findings and computer technologies in the care of the client experiencing acute/chronic pain.

INSTRUCTIONAL STRATEGIES:
Lecture, class/group discussion, cooperative learning, application of concepts to case studies, audio-visual aids, computer-assisted instruction, self-learning modules, simulation case study experiences, Course Information Management site - Blackboard, and required readings.

PROFESSIONAL CLASSROOM BEHAVIOR:
Students are expected to demonstrate the attitudes, values, and behaviors identified by the standards and codes of the profession of pharmacy. In general, students are expected to:

- create a positive learning environment.
- be attentive.
- participate in the class in a positive manner by asking/answering questions.

Students who repeatedly violate the above expectations list may be requested to leave the lab and receive a zero score for the day and will be reported to the Division Head of Pharmaceutical Sciences. The instructor or their designees reserve the right to remove a student from a recitation or laboratory for behavior that is deemed inappropriate and/or distracting.

Course materials will be made available via Blackboard. Students are required to print out the course profile, schedule, and all other course materials necessary for class and to facilitate studying. Announcements, course assignments, etc will be posted on a regular basis. Therefore, it is mandatory that
all students access Course Info - Blackboard on a regular basis.

**ACADEMIC INTEGRITY:** Nursing students must abide by the School of Nursing Academic Integrity Policy
Pharmacy (see Policies and Procedures below)

The Mylan School of Pharmacy and School of Nursing (SON) has a long-standing commitment and adherence to academic integrity as a critical component of professional conduct. Pharmacy or nursing students are bound by the Duquesne University Academic Integrity Policy and the Mylan School of Pharmacy Code of Student Conduct, and the SON academic integrity policy.

**SERVICES FOR STUDENTS WITH DISABILITIES- SPECIAL STUDENT SERVICES:**
Students with designated disabilities, who are applying for special accommodations, must provide proper written documentation for evaluation to the University Office of Special Student Services. Upon a request from an approved student, the Office of Special Student Services will notify, in writing, individual instructors of those students who are eligible for reasonable accommodations in class work, labs or practicum, exams, and Experiential Education courses. Students who have been granted special accommodations must contact the University Office of Special Student Services each semester and summer session for renewal of their status.

Student with defined disabilities, who have been granted special accommodations, must discuss reasonable accommodations with each course instructor/master (including each preceptor for Experiential Education assignments) at the beginning of each academic semester or summer session. For all student pharmacists, it is the student’s responsibility to demonstrate that the required competencies have been acquired to a satisfactory degree for successful completion of the course.

**EXAM TARDINESS POLICY:** 1. Tardiness is defined as not handing in an assignment on the due date by 18:00. Students must take the online BB exams on the time and date scheduled. Missing an assignment or an exam will result in a Zero for that exam or assignment.

**ATTENDANCE POLICY:**
Attendance is highly encouraged for course success. A student who is unable to attend class because of serious illness, hospitalization, serious accident or other extenuating circumstances is responsible for notifying the Office of Student Services, School of Pharmacy and provide any information or documentation as requested. The responsibility for all course material rests wholly with the student.

**RETURN/REVIEW OF EXAMS** Grades will be posted on Blackboard™. Exams are Blackboard™ based.

**ACADEMIC POLICIES AND PROCEDURES (Pharmacy)**
Students are required to review the following policies in their entirety:

- **Academic Integrity**  
- **Audio/Visual Recording**  
- **Exam Tardiness**  
- **Code of Conduct**  
- **Grade Appeal**  
- **Missed Exam**  
- **Services for Students with Disabilities**  
- **Student Complaint Policy**

Pharmacy School Policies (as listed above) can be found in the following Blackboard™ site:
[https://duquesne.blackboard.com](https://duquesne.blackboard.com) following this path :School of Pharmacy: Professional and Graduate
Students Student Pharmacists Student Handbook Academic Policies and Procedures, OR the link below:
https://duquesne.blackboard.com/webapps/portal/frameset.jsp?url=%2Fwebapps%2Fblackboard%2Fexecute%2Flauncher%3Ftype%3DCourse%26id%3D_17108_1%26url%3D

The Duquesne University Code of Student Rights, Responsibilities, and Conduct

The Duquesne University Student Expectation

The Duquesne University Academic Integrity Policy and Procedures.
http://www.duq.edu/about/administration/academic-affairs/policies-and-procedures.

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<tr>
<th>The Duquesne University Mission Statement</th>
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<tr>
<td>&quot;Duquesne University of the Holy Ghost is a Catholic University, founded by members of the Congregation of the Holy Ghost, the Spiritans, and sustained through a partnership of laity and religious. Duquesne serves God by serving students -- though commitment to excellence in liberal and professional education, through profound concern for moral and spiritual values, through the maintenance of an ecumenical atmosphere opens to diversity, and through service to the Church, the community, the nation and the world.&quot;</td>
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<th>DATE &amp; LOCATION</th>
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<th>TOPICS</th>
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<tr>
<td><strong>Week #1</strong>&lt;br&gt;January 12, 2017&lt;br&gt;602 Libermann</td>
<td>15:00-16:00&lt;br&gt;16:10-17:10*</td>
<td>Nociceptive &amp; Neuropathic Pain: Description Introduction to Simulations &amp; Assignments Course Expectations: Syllabus, Assignments</td>
<td>Diane Rhodes &amp; Dr. Lynn Simko</td>
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<td><strong>Week #2</strong>&lt;br&gt;January 19, 2017&lt;br&gt;318 Bayer</td>
<td>15:00-16:00&lt;br&gt;16:10-17:10*</td>
<td>Genetics of Pain Team work (Patient “Falls”)</td>
<td>Dr. Jelena Janjic, SOP Diane Rhodes &amp; Dr. Lynn Simko</td>
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<td><strong>Week #3</strong>&lt;br&gt;January 26, 2017&lt;br&gt;5th Floor Lieberman</td>
<td>15:00-17:50</td>
<td>Simulation Lab #1: Patient Fall Video: “What Not to Do” Team Assignment</td>
<td>Dr. Lynn Simko &amp; GA Diane Rhodes</td>
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<td><strong>Week #4</strong>&lt;br&gt;February 2, 2017&lt;br&gt;318 Bayer</td>
<td>15:00-16:30&lt;br&gt;16:40-17:10*</td>
<td>Neurophysiology of Pain: Gross Anatomy of Pain (Sensory Receptor, Neuron, Spinal Cord, Brain), Pain Response AND Pain Illusions Description of Team Care Plan</td>
<td>Dr. Ben Kolber, BSNES Dr. Lynn Simko &amp; Diane Rhodes</td>
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<td><strong>Week #5</strong>&lt;br&gt;February 9, 2017&lt;br&gt;318 Bayer</td>
<td>15:00-16:30&lt;br&gt;16:40-17:30*</td>
<td>Overview of Pain Meds and Treatments Legal Cases involving the Treatment of Pain</td>
<td>Dr. Jelena Janjic, SOP Dr. Lynn Simko</td>
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<td><strong>Week #6</strong>&lt;br&gt;February 16, 2017&lt;br&gt;318 Bayer&lt;br&gt;PEK Study Feb 18 or 25</td>
<td>15:00-16:00&lt;br&gt;16:10-17:10&lt;br&gt;17:10-17:50</td>
<td>Assessment of Pain &amp; Practice (assignment) Ethics in Abuse of Pain Meds Intro to Pain Empathy Kit</td>
<td>½ Nursing Students Dr. Eric Vogelstein, SON Dr. Lynn Simko &amp; Diane Rhodes</td>
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<td><strong>Week #7</strong>&lt;br&gt;February 23, 2017&lt;br&gt;318 Bayer</td>
<td>15:00-16:00&lt;br&gt;16:15-17:30*</td>
<td>Care of Burn Patients and related pain (assignment) The Interprofessional Roles of the RN and RPh in the ER: Stroke Patient</td>
<td>½ Nursing Students Dr. David Zimmerman, PharmD, BCPS, RPh Nancy Stynchula, Nurse Educator, RN</td>
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<td><strong>Week #8</strong>&lt;br&gt;March 2, 2017&lt;br&gt;5th Floor Lieberman</td>
<td>15:00-17:50</td>
<td>Simulation #2: Drug Administration: Burn Pt. Midterm: Online 25 MC Questions Team Care Plan Work</td>
<td>Dr. Lynn Simko &amp; Diane Rhodes</td>
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<td><strong>Week #9</strong>&lt;br&gt;March 16, 2017&lt;br&gt;5th Floor Lieberman</td>
<td>15:00-17:50</td>
<td>Simulation #3: ER Stroke Team Care Plan Work</td>
<td>Dr. Lynn Simko &amp; GA Diane Rhodes</td>
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<td><strong>Week #10</strong>&lt;br&gt;March 23, 2017&lt;br&gt;318 Bayer</td>
<td>15:00-16:00&lt;br&gt;16:10-17:50</td>
<td>The Role of PT in Pain Management Consequences of chronic pain: Quality of life &amp; Implications for Patients, Healthcare &amp; Society “The Search for Relief”</td>
<td>TBA Dr. Jelena Janjic, SOP</td>
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<td><strong>Week #11</strong>&lt;br&gt;March 30, 2017&lt;br&gt;5th Floor Lieberman</td>
<td>15:30-17:50</td>
<td>Simulation #4 SCC SCC videos listed in Bb via Assignment tab (Prior to Sim) Team Care Plan Work</td>
<td>Dr. Lynn Simko &amp; Diane Rhodes</td>
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<td><strong>Week #12</strong>&lt;br&gt;April 6, 2017&lt;br&gt;318 Bayer</td>
<td>15:00-16:20&lt;br&gt;16:30-17:30*</td>
<td>Pain Clinicians: Acute Pain and Cases Pain Clinicians: Chronic Pain and Cases</td>
<td>Dr. Michael Perry, PharmD, BCPS, RPh Melissa Erin, PA-C</td>
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<td><strong>Week #13</strong>&lt;br&gt;April 20, 2017&lt;br&gt;318 Bayer</td>
<td>15:00-16:00&lt;br&gt;16:10-17:10*</td>
<td>Abuse of Pain Meds Switching from opiate to opiate, route to route &amp; Practice (assignment)</td>
<td>TBA Pharmacy Students</td>
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<td>Week #14</td>
<td>On-Line</td>
<td>Completion of On-Line SESs</td>
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