Course: Nurs 358 Nursing Research

Credits/ Contact Hours: 3 credits, 3 contact hours/ wk

Time and Location: On Line via Laulima

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Course Description: Introduction to the research process and the application of the scientific method in nursing.

Note: There is a general consensus that the research role of the baccalaureate graduate calls for the skills of critical appraisal. The nurse must be a knowledgeable consumer of research, one who can critique research and use existing standards to determine the merit and readiness of research for utilization in clinical practice.

Course Placement: 4th year, 1st semester

Credits/Contact Hours: 3 credits, 3 contact hours per week

Prerequisites: Statistics

Course Objectives

At the end of this course the learner will be able to integrate research into evidence-based practice:

I. Provider of Care

Practice
Identify evidence based versus non-evidence based nursing interventions.

Teacher
Discuss empirically based teaching-learning principles from nursing and other professional disciplines.

**Communicator**  
Review and critique nursing research, both verbally and in written format.

**II. Planner and Coordinator of Care**  
Examine client care protocols and the degree to which they are evidence based.

**III. Investigator**  
Develop researchable questions related to nursing care.

Investigate research designs, data collection methods and measurement techniques.

Differentiate quantitative and a qualitative nursing research.

**IV. Professional**  
Examine the ethical and legal responsibility of the professional nurse in research.

**V. Promoter of Transcultural Caring**  
Examine the influence of cultural on conducting and critiquing research.

**Required Texts:**


**Technical Requirements**

**Internet Connection**- This is an online course for senior nursing students and RN-BSN students; therefore, you will need to have access to a fairly high speed internet connection such as DSL or Broadband Cable. If you do not have the types of connection noted above, you may be able to use computers at your local library, college, or university campus, or through other resources that may be available in your community. Students who have concerns about meeting this expectation should discuss these issues with the instructor or nursing department as soon as possible so that they may be addressed.

**Browser**- Firefox is the recommended browser. If you do not already have it on your computer, you may download and install it by going to [http://www.mozilla.com/en-US/firefox/](http://www.mozilla.com/en-US/firefox/) following their directions.
**Disabled Pop-up Blocker** - Go to your browser and change the setting to allow popups for Laulima. See your browser’s help section for instructions.

Applications - This course will be using various types of online content for which you will need the following:

Microsoft Word and PowerPoint-if you do not have either of these, you can download and install the free Open Office Suite for PC ([http://download.openoffice.org/](http://download.openoffice.org/)) or NeoOffice for Mac. ([http://www.neooffice.org/neojava/en/maindownload.php#download](http://www.neooffice.org/neojava/en/maindownload.php#download)).

**Teaching Methodology**

Learners are expected to demonstrate appropriate adult learning behaviors with self-directed inclusion of study, participation, and use of their faculty as resources for feedback and evaluation. The faculty member is considered a facilitator of the learning process in cooperation with student learners. Intellectual humility is greatly encouraged.

Various teaching methods may be implemented covering the learning modules. Teaching methods may include, but are not limited to: PowerPoint presentation slides with or without podcasting, lecture outlines, learning activities and online weekly discussion questions.

All class attendance, participation, course materials and testing will use Laulima instructional resources and can be found at [https://laulima.hawaii.edu/portal/site!gateway/page!gateway-100](https://laulima.hawaii.edu/portal/site!gateway/page!gateway-100). Students need to log in with their Banner user name and password and click the course link. Once in the Homepage please follow the instructions as directed.

The use of online library databases is helpful in locating additional information for the course. Current online articles augment all learning and are highly recommended. Digital library searches can be done by accessing the following link [http://library.uhh.hawaii.edu/articles/fulltext.htm](http://library.uhh.hawaii.edu/articles/fulltext.htm)

**Course Requirements**

**Communication**

This is an online course and Laulima is the vehicle for communication. It is the students’ responsibility to check the course site frequently for announcements and course due dates and materials. If you have a question regarding the course content, chances are another student may have the same question. Please post content questions on the main Discussion Thread so all can benefit. Please use instructor email for non-content questions of if you are having problems meeting course requirements.
**Attendance and Participation (Discussions)**

On designated weeks (see course calendar for dates), and based on the assigned reading and/or lecture topic, a thread will be created under Forums on the course Laulima site. Students will be assigned to a discussion group and need to respond to the question(s) in their assigned group thread. Students will need to visibly participate in the discussion. In addition to answering the assigned study question, students should read, analyze and respond to the questions or comments from the other students or faculty. Active participation in the classroom discussion is essential. I will look for comments that explore the content and add significantly to the discussion by building on others comments, suggesting alternative solutions, pointing out problems and even at times constructively disagreeing. Just saying “I agree” is not enough to add to a discussion. Discussion responses should show evidence of having read analyzed and evaluated each other’s response before posting. See Discussion Participation Rubric for grading details. The discussion session will last 7 days and must be completed by 0800 on the 8th day. Students are encouraged to post their first response by the third day of the week to allow others the opportunity to respond.

How to submit your discussion: You will find the Discussion icon by clicking on the Forum link found in the menu on the left of the course Homepage. Postings after due date will be graded 0.

The discussion should consist of at least one brief paragraph. Quantity is important, but the quality of the notes is even more important. Be sure to reflect your own thoughts in the answer. Proper grammar and netiquette is a requirement for clear communication. Points will be deducted for inappropriate online etiquette. It is important to be thoughtful in your responses. See the example below for submitting discussions.

**Example of a Discussion Question**

Define evidence-based nursing practice. Describe how an evidence-based practice will be developed in nursing.

**Student Answer**

The textbook describes evidenced based practice (EBP) as a careful and practical use of current best evidence from research to guide health-care decisions. EBP is used to promote understanding of patients’ and families’ experiences with health and illness, implement effective nursing interventions; and provide quality, cost effective care within the health-care system.

After reading the text definition of EBP, I understand that the term evidence-based practice means to use of the best evidence that is found in research to guide the decisions that nurses make at all levels in the health care system to benefit patients and their families. For instance, the bedside nurse may make a decision regarding the best way to
advise a parent of how to position their newborn while sleeping. The American Academy of Pediatrics has recommended that babies be placed on their backs since 1992. Since then, 40% of Sudden Infant Syndrome cases have been reduced American Nurses have since advised parents to always lay their baby to sleep on his back, based on the evidence. Here is a case where evidence based practice has been implemented. Evidence based practice is also useful to cut down cost while providing the highest quality of care.


http://aappolicy.aappublications.org/cgi/reprint/pediatrics;105/3/650.pdf

**Library Resources for Nursing Modules**

Nursing research requires proficiency in use of library internet resources. The Health Sciences Librarian has developed the *Library Resources for Nursing* modules. These modules include four modules. All students must complete Modules 1-4 and the four quizzes based on content from the Modules. Completion of the modules and quizzes is credit/no credit. Many of the discussion forums will include content you have searched for during these modules. The modules will also be of great benefit to you as you develop your group research project.

**Guidelines for Research Critiques**

The processes for both the quantitative and qualitative critiques are:

1. Choose an article of nursing research form the resources folder or from *Journal of Nursing Scholarship 2011* or later. Only articles with abstracts that describe the method used in the study should be considered.
2. You may choose to complete the critiques in pairs – this is optional.
3. One student should submit the final critique on the date noted in the class schedule and upload to Course Assignments

The qualitative and quantitative critiques utilize the guidelines provided in the Burns and Grove textbook in chapter 12. Grade allocation for each critique is as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Clarity and accuracy of information</td>
<td>60%</td>
</tr>
<tr>
<td>Adherence to suggested guidelines</td>
<td>30%</td>
</tr>
<tr>
<td>Adherence to APA format</td>
<td>10%</td>
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**General Expectations of Written Requirements**

Students should refer to the APA Publication Manual 6th edition which is available in your library reference department and/or visit the library’s website for help

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Students are also encouraged to use the UHH Online Writing Lab (OWL)
http://wct01.hawaii.edu/public/hiloOWL/index.html

Online Quizzes

There are 13 modules in this course, 10 (the last one comprehensive) of the modules have an online quiz. A new module will be available every Monday. Quizzes correspond to the assigned modules. Quiz questions are drawn from required textbook readings. Students are expected to complete the assigned readings, and view any additional material submitted for the module, prior to completing each quiz. The quizzes are designed to reinforce the textbook readings. They are open book and are considered learning activities. All the quizzes are timed, allowing for 30 minutes per quiz for quizzes 1-9. One hour will be given for the Comprehensive Quiz 10. Only one submitted attempt will be accepted, therefore it is important that answers to the quiz are carefully selected. Quizzes will be posted Monday morning of each week and must be completed by 0800 the following Monday as specified on the class schedule. Late quizzes will not be accepted.

Quizzes must be completed weekly to receive full credit.

Late Assignments

Late written (not discussions, library modules or quizzes) assignments will have 5 points deducted for each day the assignment is late. In case of unforeseen event please make previous arrangements with the instructor to prevent the late penalty.

Evaluation

Grades will be assigned as follows:

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>60-69</td>
<td>D</td>
</tr>
<tr>
<td>Below 60</td>
<td>F</td>
</tr>
</tbody>
</table>

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The grade will be determined by the following:

<table>
<thead>
<tr>
<th></th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>Online Quizzes (1-9)</td>
<td>15</td>
</tr>
<tr>
<td>Comprehensive Final Quiz</td>
<td>5</td>
</tr>
<tr>
<td>Library Modules (Credit/No Credit)</td>
<td>5%</td>
</tr>
<tr>
<td>Discussion Participation</td>
<td>10</td>
</tr>
<tr>
<td>Qualitative Article Critique</td>
<td>20 %</td>
</tr>
<tr>
<td>Quantitative Article Critique</td>
<td>20%</td>
</tr>
<tr>
<td>Group Research Project</td>
<td>25</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>100</td>
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Note: All nursing courses must be passed with a C or better in order to successfully pass the course.

**Syllabus Special Instructions**

**Use of Syllabus:** This syllabus is to be construed as a contract with the student with regard to evaluation methods and grading scale. The class schedule may be subject to change.

**Retention of Student Papers for Evaluation Purposes:** Faculty reserves the right to retain copies of graded student work to be placed in student portfolios as a method of student and program evaluation.

**Attendance and class participation:** Students are expected to attend all in-class sessions. The instructor should be notified prior to any deadlines if a student cannot meet them due to unavoidable circumstances (i.e. illness) and wants an accommodation. Students should consult with fellow classmates for special course instructions during absences.

**Assistance to those with special learning needs:** Any student with a documented disability who would like to request accommodations should contact the University Disability Services Office - Hale Kauanoe A. Wing Lounge, 933-0816 (V), 933-3334 (TTY), shirachi@hawaii.edu - as early in the semester as possible.

**Advising:** Advising is a very important resource designed to help students complete the requirements of the University and their individual majors. Students should consult with their advisor at least once a semester to decide on courses, check progress towards graduation, and discuss career options and other educational opportunities provided by UH-Hilo. Advising is a shared responsibility, but students have final responsibility for meeting degree requirements.

**Counseling Services:** Counseling services are available to students who need additional support while attending the baccalaureate nursing program. Nursing faculty is available
for advising with an intentional focus on preparation of nurse generalists. You are encouraged to align your career focus and full attention to the requirements needed to succeed in all of your nursing courses. Please do not hesitate to share your concerns to faculty who will maintain confidentiality. Any other concerns not in keeping with the mission of the program will be referred to the counselors at Student Services.

**Writing Center Services:** The UH Hilo Writing Center tutors are available online through the Online Writing Lab (OWL). Plan accordingly for assistance well ahead of time prior to an assignment deadline if you expect to avail yourself of these services. The OWL is available 24 hours online however there may be a limitation on their availability to return papers to you so please email the center regarding their policy and procedures.