BINGHAMTON UNIVERSITY
Decker School of Nursing
Nursing 499: Asthma-based Research
Spring 2015
Course Outline

Credit Hours: Two (2)

Time: Two (2) in-class hours selected weeks, Mondays 1-3pm
Off campus experiences as assigned

Place: AB 347

Placement in Curriculum: Open to all Nursing Students (freshmen, sophomores, juniors and seniors) or permission of instructor

Prerequisite: None

Course Coordinators:
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Email: fsrnka@binghamton.edu

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In accordance with the Americans with Disabilities Act, reasonable accommodations for students with disability-related needs will be determined on an individual basis. Please contact the course coordinator if you have special needs.

Course Description:
This course focuses on addressing the issue of asthma in the community from a research-based focus. All students will complete and understand the CITI training, and understand the guiding principles of conducting research. All students will be trained as facilitators for the American Lung Association’s Open Airways for Schools Curriculum and will implement the program in the community. Research-based activities will be developed focusing on the children enrolled in Open Airways. Additional research activities will be determined within the context of the course, with input from the enrolled students. Students will participate in the entire research process, from identifying a researchable issue, conducting a thorough literature review, submitting an application for research to the Human Subjects Review Committee, implementing the research, analyzing the data, and synthesizing the experience through the creation and submission of a journal article for publication. In addition, students will submit abstracts to professional conferences to present their research. Learning experiences will occur in the classroom and in the community.

This course is a 2-credit course, which means that in addition to the scheduled meeting times, students are expected to do at least 4.75 hours of course-related work outside of class each week during the semester. This includes time spent completing assigned readings, participating in research activities in the community, preparing written assignments, and other course-related tasks.
Course Objectives: At the completion of NURS 499, the learner will:

1. Develop personal objectives pertinent to his/her research goals. (BSE I, BSE III BSE VIII, BSE IX)
2. Complete CITI Human Subjects Training (BSE III, BSE VIII, BSE IX)
3. Discuss quantitative and qualitative methods of research including strengths and weaknesses of various studies. (BSE III)
4. Complete training as an Open Airways for Schools facilitator (BSE VII, BSE IX)
5. Implement Open Airways in the community BSE VI, BSE VII, BSE IX)
6. Collect data based on research initiatives in the course (BSE III)
7. Engage in scholarly discussion with fellow students and instructors. (BSE III, BSE VIII, BSE IX)
8. Express respect for fellow students through professional behavior. (BSE VIII)
9. Perform data entry and analysis using SPSS. (BSEIII)
10. Write one or more components of a professional manuscript (i.e. introduction, abstract, methods, results, and/or discussion). (BSEIII)
11. Prepare a poster/oral session based on the semester’s research suitable for presentation at a professional conference or presentation to other group members. (BSEIII)
12. Attend professional research conferences. (BSE III)

Course Objective numbers in parentheses refer to the Decker School of Nursing Undergraduate End of Program Objectives/ American Association of Colleges of Nursing (AACN) Essentials of Baccalaureate Education. Completing the objectives for this course contributes to the successful completion of the Program Outcomes. Students should refer to the Decker School of Nursing Undergraduate Student Handbook for Undergraduate End of Program Objectives.

If you are experiencing undue personal or academic stress at any time during the semester or need to talk with someone about a personal problem or situation, we encourage you to seek support as soon as possible. We are available to talk with you about stresses related to your work in this class. Additionally, we can assist you in reaching out to any one of a wide range of campus resources, including:

1. Dean of Students Office: 607-777-2804
2. Decker Student Health Services Center: 607-777-2221
3. University Police: On campus emergency, 911
4. University Counseling Center: 607-777-2772
5. Interpersonal Violence Prevention: 607-777-3062
7. Office of International Student & Scholar Services: 607-777-2510
This course outline is subject to change.

Topical Outline

I. Introduction to Research
   A. Completion of CITI Training
   B. Conducting a Literature Review
   C. Quantitative/qualitative research
   D. Introduction to SPSS
   E. Human Subjects Application process

II. Community Based Research
   A. Training and implementation of American Lung Association’s *Open Airways for Schools Curriculum*
   B. Interviewing health care providers re barriers to effective asthma management

III. Dissemination of Research Findings
   A. Participation in Manuscript production
   B. Abstract submission for professional conference
   C. Presentation at professional event

PLEASE NOTE: LECTURE CONTENT, ASSIGNMENTS AND ORDER SUBJECT TO CHANGE

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Course Activities</th>
</tr>
</thead>
</table>
| 1/26/15| Introduction to the Course  
The Research Process  
(Judith Quaranta/Fran Srnka-Debnar)  
How to Conduct a Literature Review  
(Érin Rushton) |                                                         |
| 2/2/15 | Open Airways review                                                   |                                                         |
| 2/9/15 | Open Airways presentations                                            |                                                         |
| 2/16/15| Open Airways presentations                                            | Schools closed 2/16-2/20                               |
| 2/23/15| Open Airways presentations                                            | (Open Airways #1 for St Thomas)                        |
| 3/2/15 | Open Airways presentations                                            |                                                         |
| 3/9/15 | Open Airways presentations                                            | Open Airways #1                                       |
|        |                                                                     | Schools closed 3/13                                   |
| 3/16/15| Literature Review Discussion as Assigned (Peak Flows)                 | Open Airways #2                                       |
| 3/23/15| Literature Review Discussion as Assigned (provider perceptions of barriers to asthma management) | Open Airways #3                                       |
| 3/30/15| Manuscript Preparation  
Pamela Stewart Fahs, RN, PhD, Associate Dean  
Editor In Chief *Online Journal of Rural Nursing and Health Care* | Schools closed 3/30-4/3                                |
| 4/6/15 | NO CLASS                                                             | Open Airways if students available                      |
| 4/13/15| Manuscript work                                                      | Open Airways # 4                                       |
NURS 499 Spring 2015 Course Outline

COURSE INFORMATION:

PLEASE NOTE: The faculty of Nursing 499 understand and respect that each individual has a distinct learning style. That said, any electronic device in use during Nursing 499 must be for the sole purpose of note taking, accessing lecture content and responding to questions for Nursing 499. It is not acceptable to be on Facebook, email, twitter, instagram, ebay, amazon, texting, playing games during class or accessing any electronic sources that are not being utilized for class. We appreciate your adherence to this class policy.

Teaching Strategies: Nursing 499 students will be expected to complete pre-class assignments. These include the CITI training and the Open Airways facilitator training. This course will include short lecture format, small group work during class time, on-campus seminars, faculty conferences, and on-campus and off-campus experiences. Each student will visit a school system and implement the Open Airways for Schools curriculum. Other research activities will be decided during the semester.

Course Requirements:

Open Airways: All students will be trained as American Lung Association Open Airways for Schools facilitators. This will be accomplished through on-line activities as well as classroom instruction. Students will work in groups to present one of the Open Airways modules in class. Each of the modules will be presented so the students will become familiarized with the entire program. Each student, in groups, will be assigned a specific school and group of children with asthma to present the entire curriculum over a 5-week period.

Literature Review: Students will choose specific areas related to asthma management and conduct a thorough literature review. Each student will be required to present some of the literature in class. Students will complete a literature review form and submit to faculty.

Manuscript component: Each student will be assigned a section of a manuscript to write focused on a specific research topic concerning asthma. It is the expectation of the course that completed manuscripts will be submitted for publication.

Blackboard: (https://blackboard.binghamton.edu/webapps/login/?action=relogin) NURS 499 uses Blackboard as the web-based platform for this course. All information for this course will be distributed through this format. Students will be encouraged to forward questions and comments to the designated discussion boards on Blackboard throughout the course to enhance learning and stimulate discussions in the classroom and seminar sessions. Grades will be available through Blackboard.

Evaluation Methods

<table>
<thead>
<tr>
<th>Assignment</th>
<th>% Grade</th>
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<tbody>
<tr>
<td>Open Airways Presentation in class</td>
<td>25%</td>
</tr>
<tr>
<td>Literature Review Presentation and form submission</td>
<td>45%</td>
</tr>
<tr>
<td>Component of professional manuscript</td>
<td>25%</td>
</tr>
<tr>
<td>attendance</td>
<td>5%</td>
</tr>
<tr>
<td>Implementation of OA in community</td>
<td>P/F</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
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</tbody>
</table>
Grade Distribution

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Numeric Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100</td>
</tr>
<tr>
<td>A-</td>
<td>90-92</td>
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<tr>
<td>B+</td>
<td>87-89</td>
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<tr>
<td>B</td>
<td>83-86</td>
</tr>
<tr>
<td>B-</td>
<td>80-82</td>
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<tr>
<td>C+</td>
<td>77-79</td>
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<tr>
<td>C</td>
<td>73-76</td>
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<tr>
<td>C-</td>
<td>70-72</td>
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<tr>
<td>D</td>
<td>60-69</td>
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<tr>
<td>F</td>
<td>&lt;60</td>
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</tbody>
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As per the DSON undergraduate handbook, a grade of C- or higher is required to pass this course (http://buweb.binghamton.edu/bulletin/program.asp?program_id=944).

Course policy on rounding of grades: NURS 499 will round the final course grade from one-hundredth of a point, using 0.05 as the cutoff for rounding. EXAMPLE: If your grade is 92.45 that will round to 92.5 which will then round to the 93.

Attendance: Attendance at all lectures and community experiences is required. NURS 499 will adhere to the University policy for classroom attendance: “Instructors have the right to deny a student the privilege of taking the final examination or of receiving credit for the course, or may prescribe other academic penalties if the student misses more than 25 percent of the total class sessions. Excessive tardiness may count as absence.” (Binghamton University Bulletin, http://www2.binghamton.edu/academics/provost/faculty-staff-handbook/handbook-vii.html#B2) Please refer to the student handbook for further details.

Classroom conduct: Please review the University’s Code of Conduct Policy. http://www2.binghamton.edu/student-handbook/rules.pdf. It is expected that students will behave professionally in the classroom. Disorderly or disruptive conduct that interferes with the normal operations of the classroom setting will be handled in the following manner: one verbal warning then dismissal from class with exclusion from attendance on the affected day.

Grievance Policy: Any appeal related to a grade awarded to a student in this course must be filed in accordance with Decker School of Nursing policies (see Decker School of Nursing handbook on-line http://www2.binghamton.edu/dson/undergraduate-students/undergraduate-handbooks/index.html).

Students with Accommodations: It is the responsibility of the students who require special accommodations to make an appointment with the course coordinator so appropriate arrangements can be instituted. Students who request these accommodations must have a written letter from the Division of Student Affairs (Services for Students with Disabilities office http://www2.binghamton.edu/ssd/).

Division I Athletes and Performing Artists: Division I athletes and University performing artists shall contact the lead course coordinator to coordinate course commitments in a timely manner.

Policy Regarding Late Assignments: It is expected that all written assignments will be handed in on time. Failure to do so without contracting with the instructor will result in a five (5)-point deduction from the total grade for the first day and two (2) points for each subsequent day, including weekends, that a written assignment is late. (i.e., if paper is due at 1500 on 10/4, from 1500 10/4 to 1500 10/5 is the first date late). A student who has a legitimate reason for submitting a late paper should contact the instructor to request an extension for a paper. This action needs to be taken at least 24 hours prior to the due date.
Policy for Reporting Incidents: All incidents involving a student, a client, or client family occurring during a laboratory experience must be reported to the course coordinator as soon as possible. An incident is defined as any unusual occurrence, with or without injury, which interferes with the functioning of the student, client, client family, or system. Some examples of incidents include a fall or other accident involving physical injury, automobile accident, or student illness.