

WRIGHT STATE UNIVERSITY
MIAMI VALLEY COLLEGE OF NURSING & HEALTH
Fall 2012 Syllabus

COURSE NUMBER: NUR 7105

COURSE TITLE: Population Health

PLACEMENT IN CURRICULUM: Master's Program

COURSE LOCATION AND CLASS TIMES: On-line

PREREQUISITES: Graduate standing or permission of instructor

CATALOG DESCRIPTION: This course synthesizes methods of population assessment and planning to construct population-appropriate interventions for health care delivery systems. The focus is on safe, quality, and culturally-appropriate advanced nurse practice activities to meet emerging world needs.

CREDIT ALLOCATION: 3 credit hours

FACULTY: Mary Beth Kaylor, PhD, MPH, RN
Office: 116 University Hall
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Email: marybeth.kaylor@wright.edu
Office Hours: By appointment only
Secretaries: Sharon Brannon & Julie Greenup at 775-2577 and 775-2576.

COURSE OBJECTIVES:

1. Use epidemiological, social, and environmental data to draw inferences regarding the health status of client populations, i.e., individuals, families, groups, and communities.
2. Develop and monitor comprehensive, holistic plans of care that address the health promotion and disease prevention needs of client populations.
3. Analyze epidemiological, biostatistical, environmental, and other appropriate scientific data related to individual, aggregate, and population health.
4. Synthesize concepts, including psychosocial dimensions and cultural diversity, related to clinical prevention and population health in developing, implementing, and evaluating interventions to address health promotion/disease prevention efforts, improve health status/access patterns, and/or address gaps in care of individuals, aggregates, or populations.
5. Foster a multidisciplinary approach to discuss strategies and garner multifaceted resources to empower client populations in attaining and maintaining maximal functional wellness.
6. Evaluate care delivery models and/or strategies using concepts related to community, environmental and occupational health, and cultural and socioeconomic dimensions of health

TEXTBOOKS:

Required:

Macha, K. & McDonough, J. (2012). *Epidemiology for advanced nursing practice*. Sunbury, MA: Jones and Bartlett Publishers.

Nash, D., Reigsnyder, J., Fabius, R. & Pracilio, V. (2011). *Population health: Creating a culture of wellness*. Sunbury, MA: Jones and Bartlett Publishers.

TEACHING STRATEGIES:

Classroom presentations, case studies, application problems and practice, and computer-assisted self-learning instruction.

COURSE REQUIREMENTS

1. **Quizzes:** There will be 10 short quizzes throughout the quarter. Each quiz will be worth 5 points. Quizzes will be completed on-line. Students will have 15 minutes to complete each quiz. Quizzes must be completed by midnight of the Sunday of the week. Quizzes are not open book/notes. Challenges to quiz questions must be submitted in writing via email to Dr. Kaylor (marybeth.kaylor@wright.edu) by 8 AM on the Tuesday following the closing of the quiz, and must include a referenced justification for the request.
2. **Epidemiology Paper:** The assigned paper is 5-10 page paper evaluating the epidemiologic evidence of a *Healthy People 2020* focus area/objective. This is an individual assignment. The *Healthy People 2020* report is found at www.healthypeople.gov. This project should demonstrate achievement of course objectives 1 – 10. An electronic version of the paper is due to the Pilot dropbox. The electronic paper will be submitted to Turnitin.com to evaluate for plagiarism. APA format will be graded according to the second printing of the 6th edition of the *Publication Manual of the American Psychological Association* (2001). Please see the grading rubric on Pilot for more information about the paper.
3. **Self Study:** Computer Assisted Instruction Program: *Louisiana Pharyngitis Outbreak (CAI)*. The CAI is a self –paced investigative epidemiologic program available on-line. If your computer is not compatible with the program you can use the computer lab at the College of Nursing, remember to bring your jump drive. The program is self-explanatory, and you may start or stop it at any time. Make sure you keep good notes as the program progresses. Each student is to submit a final report along with all interim notes taken during the CAI completion by the due date. Please see Pilot for instructions on how to download the CAI.
4. **Discussion Boards:** Participation is MANDATORY with a minimum of TWO postings each week to the discussion board (one original and one individual follow-up to peers' comments). The original posting should be 200-300 words and referenced with additional current, peer-reviewed literature beyond the required weekly readings. The response post should be at least 100 words incorporating additional literature (if appropriate but not required) and promoting critical thinking. Prompts for the discussion will be provided at the start of each week to initiate discussion. Postings will be evaluated based on quality, timeliness, and quantity. Discussions start on Monday and end on Sunday. It is expected that your original post will be made no later than Wednesday to allow your peers to respond. It is expected that your postings will be of substantial quality. This may include incorporating additional literature to expand the topic, asking challenging questions to stimulate critical thinking, and/or analyzing and synthesizing the topic through providing examples of how you may apply the concepts to your work environment. Simply agreeing with each other and being supportive is not appropriate. Please see Pilot for the discussion board grading rubric.
5. **Health and Well-Being Scholarly Paper:** Groups will complete a scholarly paper that meets the criteria for submission to a peer-reviewed nursing or multi-disciplinary journal. All sections of the scholarly paper, including the 250-word, single-spaced abstract, and references must be submitted using 6th edition APA format. A 250 word abstract is

required unless specified differently by the journal. The scholarly paper will be based on the logic, synthesis and conciseness of discussion and presentations. Scholarly papers should not exceed the designated 15-page limitation. Please see the grading rubric on Pilot for more information about the paper.

6. **Health and Well-Being Presentation:** Each group will prepare a presentation highlighting the major sections of the group paper. Evaluation of the presentation will be based on the content, format, professional appearance of the PPT slides, professional appearance and delivery style of the group presenters, and adherence to a 15-20 minute time period. Each group member is expected to complete his or her assigned portion of the scholarly paper and contribute the contracted amount of time and effort on the project. Group or team work is encouraged and expected for the success of this assignment. You are expected to refer to Healthy People 2020 when determining leading health indicators and priorities for action. Please post the presentation to the week 15 discussion board and submit it to Pilot on the due date.

COURSE POLICIES

1. Students are responsible for all class content, reading assignments, and information posted on the bulletin board under NUR 7105.
2. Extensions on assignments must be requested in writing via email prior to the due date of the assignment. Assignments not received or completed on time (including quizzes) will be graded as "0."
3. Course-related emails to Dr. Kaylor (marybeth.kaylor@wright.edu) should contain NUR 7105 somewhere in the subject line.
4. Academic Integrity & Plagiarism:
 - a. Please refer to the *University Student Handbook* under academic dishonesty and disruption.
 - b. Students are expected to follow APA guidelines in terms of plagiarism.
 - c. Students exhibiting any form of academic dishonesty will earn an "F" in the course.

EVALUATION METHODS:

The final course grade is earned based upon the completion of the following weighted assignments:

Quizzes (10 @ 5 points each)	50
Epi Paper	15
CAI	5
Discussion Board	10
Health and Well-Being Group Paper	15
Health and Well-Being Group Presentation	5
Total	100

COLLEGE GRADING SCALE:

90-100%	=	A
80-89.99%	=	B
70-79.99%	=	C
60-69.99%	=	D
< 60%	=	F

Tentative Topical Outline Fall 202

Date	Topic	Readings and Assignment
Week 1 8/27/12	Introduction to Population Health Epidemiology (introduction & history)	Epidemiology Chapters 1 Population Health pgs 3-7
Week 2 9/3/12	Epidemiology Study Designs and Concepts	Epidemiology Chapter 3 Quiz 1
Week 3 9/10/12	Informatics and Data Use and Evaluation	Population Health Chapter 9 Quiz 2
Week 4 9/17/12	Epidemiology and Statistics of Infectious Disease	Epidemiology Chapters 2 & 5 Quiz 3
Week 5 9/24/12	CAI	CAI Due 9/24/12 by 11:59 pm to Pilot
Week 6 10/1/12	Epidemiology and Statistics of Chronic Disease	Epidemiology Chapters 2 & 7 Population Health Chapters 4 & 14 Quiz 4
Week 7 10/8/12	Epidemiology and Statistics of Genetic Diseases	Epidemiology Chapters 2 & 8 Quiz 5
Week 8 10/15/12	Nursing in Pandemics and Emergency Preparedness	Epidemiology Chapter 11 Quiz 6
Week 9 10/22/12	Determinants of Health Environmental Health Issues	Epidemiology Chapter 9 Epi Paper Due 10/22/12 by 11:59pm to Pilot
Week 10 10/29/12	Screening and Prevention Behavior Change	Epidemiology Chapter 6 Population Health Chapters 1 & 2 Quiz 7
Week 11 11/5/12	Population Health Education	Population Health Chapters 16 Quiz 8
Week 12 11/12/12	Continuity of Care, Population Health Quality and Safety	Population Health Chapters 4 & 5 Quiz 9
Week 13 11/19/12	Political and Ethical Considerations	Population Health Chapters 13 & 17 Quiz 10
Week 14 11/26/12	Future of Population Health	Population Health Chapter 18 Group Presentations Due 11/26/12 by 11:59pm to Pilot
Week 15 12/3/12	Read Group Presentations	Health and Well-Being Group Paper Due 12/3/13 by 11:59pm to Pilot