



Chaminade University of Honolulu

School of Nursing

Course Syllabus

NUR 301

Infection and Immunity: Global Perspectives

2017 Fall Semester

Course: NUR 301 Infection and Immunity: Global Perspectives
Credits: 2 (Didactic Course)
Class Days and Times: Section 1- Mondays 10:30am-12:20pm
Section 2- Thursdays 1:30pm-3:20pm
Section 3- Fridays 1:30pm-3:20pm

Faculty: Eurina Yujin Cha, Ph.Dc, RN, MSN, CRRN
Office: Henry Hall RM 118C
Phone: 808-739-7438
Email: eurina.cha@chaminade.edu

Office hours: Monday 1:30pm-4:30pm, Friday 8:30am-12:20pm or by appointments

Catalog Description: This course explores the complex challenges that globalization, population increases, transnational commerce, existing and emerging infectious diseases, and re-emerging infectious diseases pose on systems of healthcare delivery globally. Principles of immunology and epidemiology and the determinants of health will be presented. The role of the nurse as well as the role of international organizations in influencing disease control and prevention will be explored. Other topics for discussion include global healthcare policy, global health care issues, lifespan health issues, international research methods, legal issues, and ethics.

Prerequisites: BI 151/151L, BI 152/152L, BI 250/L, CH 250, NUR 202, NUR 203, NUR 204, NUR 206, NUR 290, NUR 291

Course Learning Outcomes: Upon successful completion of this course, the student will:

1. Describe immunological principles and clinical consequences in the context of bacterial, viral, and other infectious diseases;
2. Compare and contrast current critical global health issues and strategies for infection control and disease prevention in developed and developing countries;
3. Define the role of the nurse in identifying appropriate nursing assessments, interventions, and health education topics related to the diagnosis, treatment, and control of common infectious diseases;
4. Identify barriers and solutions to vaccine preventable diseases in both local and global contexts;
5. Explain the role of major international organizations in influencing disease prevention and treatment strategies;
6. Describe the role of research, ethics, and legal issues in the areas of immunology and epidemiology; and
7. Apply principles of epidemiology, biostatistics, and determinants of health in a cultural context across the lifespan.
8. Linkages between Program Learning Outcomes (PLOs) and Course Learning Outcomes (CLOs)

Goals:

The goals of the Nursing Program are to:

1. Provide a 4-year program leading to a baccalaureate degree in nursing, in which students will acquire the knowledge, skills, and Marianist values necessary for professional nursing practice and leadership in health care.
2. Ensure an educational foundation in the biological, physical, and social sciences as well as in the humanities, all of which are essential to professional nursing practice.
3. Foster an attitude of intellectual and critical inquiry that promotes evidence-based practice.
4. Provide an educational experience that emphasizes engagement of students through active learning.
5. Create a collegial environment that fosters professional development of students including life-long learning, scholarship, and leadership.
6. Prepare students for professional nursing roles in a dynamic health care environment.
7. Prepare the student for the National Council Licensure Examination (NCLEX) examination and practice as a professional registered nurse.
8. Provide a foundation for graduate study.

Program Learning Outcomes:

The student will demonstrate the ability to:

1. Use the nursing process for comprehensive assessments of health and illness parameters in patients using developmentally, and culturally, appropriate approaches;
2. Provide safe, holistic, patient-centered care, across the health-illness continuum, across the lifespan, using state-of-the-art methodologies, and in all healthcare settings;
3. Engage in dialogue about contemporary issues in healthcare, effectively advocate in the interest of patients, and lead others in the professional nursing role;
4. Communicate and collaborate effectively with patients and professionals from a variety of disciplines;
5. Critically evaluate and integrate research and reliable clinical evidence to inform nursing practice;
6. Incorporate informatics and healthcare technologies into the practice of professional nursing;
7. Use determinants of health, tools for measurement, and mechanisms to affect change in populations; and
8. Describe the elements of health care policy and finance within a regulatory environment

PLO Program Learning Outcomes	CLO1	CLO2	CLO3	CLO4	CLO5	CLO6	CLO7
PLO#1: Use the nursing process for comprehensive assessments of health and illness parameters in patients using developmentally, and culturally, appropriate approaches.	I		I	I		I	I
PLO#2: Provide safe, holistic, patient-centered care across the health-illness continuum, across the lifespan, using state-of-the-art methodologies, and in all healthcare settings.	I		I	I		I	I
PLO#3: Engage in dialogue about contemporary issues in healthcare, effectively advocate in the interest of patients, and lead others in the professional nursing role.		I	I	I	I	I	
PLO#4: Communicate and collaborate effectively with patients and professionals from a variety of disciplines.			I	I	I		
PLO#5: Integrate research and reliable clinical evidence to inform their nursing practice.	I	I					
PLO#6: Incorporate informatics and healthcare technologies into the practice of professional nursing.	I					I	
PLO#7: Use the determinants of health, tools for measurement, and interventions for health promotion and disease prevention in populations.	I		I	I		I	I
PLO#8: Describe the elements of health care policy and finance within a regulatory environment.		I			I		

(Key: I=Introduced, D= Developed, M=Mastered)

Program Associated Hawaiian Core Values	CLO 1	CLO 2	CLO 3	CLO 4	CLO 5	CLO 6	CLO 7
1. Patient Centered-Care, <i>Ka mālama olakino pili pono i ia kanaka</i>	I	I	I	I		I	I
2. Community Based Care, <i>Ka mālama olakino ma o ke kaiāulu</i>	I	I		I	I	I	I
3. Developmentally and Culturally Appropriate Care, <i>Ka mālama olakino kūpono no ka ho'omōhala a me ka mo'omeheu</i>	I	I		I		I	
4. Care Across the Lifespan <i>Ka mālama olakino o ka wā ola</i>	I	I		I		I	

(Key: I=Introduced, D= Developed, M=Mastered)

COURSE POLICIES

All policies stated in the Chaminade University and Chaminade University School of Nursing handbooks are in effect in this course.

Academic Honesty: Nursing students are responsible for promoting academic honesty in all educational settings. Nursing students represent Chaminade University and the School of Nursing and as such are expected to demonstrate professional, ethical behavior in the classroom, in laboratory settings, in the clinical setting, and in the community. The Chaminade student nurse shall be committed to the Marianist values and the core values of the School of Nursing.

Course Atmosphere: This course is a hybrid course that includes classroom lecture and online lecture and class activities. Some of the content will be presented in a lecture format; however, we will be discussing the assigned readings, sharing our reflections on what we've read and our own personal experiences, and working in small and large groups. Everyone's participation is essential as we will learn and grow from the sharing that occurs. It is important that student's come to class prepared to actively participate.

Attendance: Class is mandatory and students are expected to attend all classes that are offered as classroom meeting or online classroom setting. The classroom is a teaching and learning environment where there is an exchange of knowledge and experience, so it is essential that students attend class and participate in classroom activities to maximize individual learning. Students who are absent from class not only miss a part of the subject matter of the course but also diminish the opportunities for contributing to the learning environment for the entire class. Each student will be encouraged to develop a professional work ethic that reflects personal responsibility, initiative, and teamwork. Students should notify the instructor by phone or email when illness prevents them from attending class and make arrangements to complete missed assignments that are allowed to be made-up. Any student who stops attending class including classroom setting and online setting without officially withdrawing may receive a failing grade. Unexcused absences equivalent to more than a week of class may lead to a grade reduction for the course. Any absence of two weeks or more must be reported to the Associate Provost and the Records Office by the instructor.

Academic Conduct: Please refer to and follow all policies and procedures included in the Student Handbook (available in hard copy and online) and carefully read all areas. Please pay attention to the sections that discuss plagiarism, classroom respect, student conduct, freedom of speech, and all academic policies regarding grading.

Assignments: It is expected that assignments will be handed in on time. The point deduction of the grade for any late or improperly submitted assignment will be 10% per day after the deadline. No assignments will be accepted after the 3rd day. The instructor reserves the right to not accept any late assignments. Student should comply with all details on required area of assignment for full grade points. No make-up opportunity will be given for missed or late assignment submission.

Writing policy: All papers should demonstrate mastery of grammar, punctuation,

spelling and syntax expected of college level students. Use of APA is required for all papers. If you need writing assistance, please seek help from Student Support Services and the Academic Achievement Program at 735-4881. All papers are to be word processed, proofread, and solely the work of the author.

Testing policy: Students are expected to take tests on the designated day. The format of test is either paper/pencil written test or online format through CUH Learning Management System. In case of an emergency, please contact the instructor **prior** to the test so that an alternate plan can be made. Failure to do so will result in a zero. **If a test is to be made up, it must be taken before the next class.** Approval for taking a make-up test must be granted by the instructor.

Cell phones & Laptops: Use of music devices and cell phone is prohibited during all Nursing classes at Chaminade unless specifically permitted by your instructor. Use of cell phones and music devices in the laboratory, simulation, or clinical settings is a safety and privacy issue. In addition, use of cell phones and music devices in any class is discourteous and may lead to suspicion of academic misconduct. Students who cannot comply with this rule will be asked to leave class and may receive unsatisfactory performance for that day. Please refer any questions to the Dean for Nursing. Laptops maybe used in class for taking notes and for in class activities as directed by the instructor. Any student found using the laptop in class for activities other than related class work (e.g. completing a paper from another course, facebook, etc.) will be prohibited to use the laptop in class.

ADA Accommodations: Students with special needs who meet criteria for the Americans with Disabilities Act (ADA) provisions must provide written documentation of the need for accommodations from the CUH Counseling Center (Dr. June Yasuhara; phone 735 4845) by the end of week three of the class, in order for the instructor to plan accordingly. Failure to provide written documentation will prevent your instructor from making the necessary accommodates. Please refer any questions to the Dean of Students and review the procedures at http://www.chaminade.edu/student_life/sss/counseling_services.php

Compliance: Students are expected to comply with Chaminade University policy and procedures, particularly School of Nursing, as specified in University Catalog and the Student Handbook. If you have any question, please contact the compliance office.
<https://chaminade.edu/student-consumer-information/ferpa/>

TEACHING/LEARNING STRATEGIES

Lecture, group discussion, in-class activities, online discussion, quizzes composed of multiple choice or true-false questions, written assignments, professional presentation.

COURSE GRADING

Your grade in this course will be based on the following:

Quiz (3 x 15 point each)	45 points
Final Exam	60 points
Discussion (5 x 10 point each)	50 points
Group Presentation	45 points
200 TOTAL POINTS	

GRADING SCALE COURSE POINTS

A=90-100	A=180-200
B=80-89	B=160-179
C=70-79	C=140-159
D=60-69	D=120-139
F= 59 and below	F= 119 and below

** Final points based on the scale will not be rounded off*

COURSE REQUIREMENTS/METHODS OF EVALUATION

Overall Course Grading

Assignments	Points	Percentage/equivalent
Quiz (3 x 15 points)	45	30%
Final Exam	60	20%
Discussion (5 x 10 points)	50	30%
Group Presentation	45	20%
Total	200	100%

Required Texts:

McGuire-Wolfe, C. (2018). Foundations of infection control and prevention. Sudbury, MA: Jones and Bartlett Publishers.

Recommended Texts:

Holtz, C. (2008). *Global health care: Issues and policies.*(2nd ed). Sudbury, MA: Jones and Bartlett Publishers.

American Public Health Association (2008). *Control of communicable diseases in man.*(19th ed). Washington, DC: American Public Health Association.

ASSIGNMENTS

QUIZ and Exam

There will be 3 quizzes. The format of the quiz is either paper/pencil written format or proctored online format. If you missed it without prior notification, there is NO MAKE-UP. Students are responsible to communicate with the course coordinator to discuss about the schedule of quiz in advance for any emergency situation. There is a cumulative final exam (paper/pencil). The schedule of final exam will be TBA.

DISCUSSION

There will be 5 discussions through Canvas online learning management system. You will post your initial post and one feedback post by the due date.

GROUP PRESENTATION

You will choose a group partner for a group project (the PP slides and a video summary). Your group will select a topic of interest from a list provided by the instructor and present an in-depth 30 minutes presentation of the topic and show the video summary to the class. Please see rubric for grading/evaluation criteria. Criteria for grading/evaluation include appropriate content, thoroughness of presentation, clarity of content, professionalism including dress and manner, creativity, and delivery of presentation.

Sample Topics for Group Project (will be TBA on the group sign-up sheet):

Cholera
Dengue Fever
Malaria
Avian Flu
West Nile Virus
Severe Acute Respiratory Syndrome (SARS)
Ebola
Hepatitis A, B, C
STDs
Tuberculosis
MRSA
Salmonella
Scabies
Pertussis
Anthrax

COURSE SCHEDULE

Week	Topic	Assignment Due	Test
Week 1	Introduction to the course	Reading: Module Resources	
Week 2	Labor Day (No Class) Infection Prevention Hand Hygiene	Reading: Chapter 1, 2 ATI content review Discussion #1	
Week 3	Mode of Transmission	Reading: Chapter 3 Sign-up for group presentation → click here	
Week 4	Global Perspectives: Infectious diseases	Reading: Chapter 4, Module Resources Discussion #2	
Week 5	Global Perspectives: Infectious diseases	Reading: Module Resources	Quiz#1
Week 6	Practical Issue: Infection diseases	Reading: Chapter 5, Module Resources	
Week 7	Columbus Day (No Class) Vaccine-Preventable Diseases	Reading: Chapter 6, 7 Discussion #3	
Week 8	Preventable Infection and Communicable Diseases	Reading: Chapter 6,7 Student Presentation	
Week 9	Preventable Infection and Communicable Diseases	Reading: Chapter 6, 7 Student Presentation Discussion #4	
Week 10	Preventable Infection and Communicable Diseases	Reading: Chapter 6, 7 Student Presentation	
Week 11	Preventable Infection and Communicable Diseases	Reading: Module Resources	Quiz#2
Week 12	Global health issues	Reading: Chapter 8, 9 Module Resources	
Week 13	Thanksgiving break Global health issues	Reading: Chapter 8, 9 Module Resources Discussion #5	
Week 14	Global health issues	Reading: Summary of infectious disease table	Quiz#3
Week 15	Prep for the final exam	Reading: Summary of infectious disease table	Final exam - TBA

Note: The course schedule may be modified by the instructor at any time and will be announced