

## Course at a Glance



**Course Title:** Infectious Disease Prevention Strategies

**Course Number:** PHC 6517

**Dept:** GBH

**Credits:** 3

**Traditional Section:** 310

**Reference Number:** 18596

**PHP Self Fund Section:** 351

**Reference Number:** 20502

**ND Acc Certificate Section:** 510

**Reference Number:** 19198

**Instructor Name:** Donna Haiduven, PhD, RN, CIC

**Instructor Email:** [dhaiduve@health.usf.edu](mailto:dhaiduve@health.usf.edu)

**Course Description:**

This course focuses on primary, secondary and tertiary strategies to prevent infectious diseases, with an emphasis on hospital infection control. These strategies include outbreak control measures; isolation/precautions in healthcare facilities; cleaning, disinfection, antisepsis and sterilization; role of immunization, antimicrobial prophylaxis and therapy; patient care practices to prevent infections; pandemic influenza; and prevention of foodborne illness. In addition, the epidemiology and control of numerous infectious diseases with global public health implications are discussed.

**Format of content presentation, activities and/or instructional methods:**

The entire course will be delivered in an on-line format. This course is organized into 16 weekly sessions. In general, the session for that week is designed to be completed within a one week period. The exception is weeks 3-4 to cover Standard and Transmission-Based Precautions.

The course will use the following educational methods: lectures via PowerPoint (from instructor) with lecture notes, narration, MP3 versions, or in some cases, all three; individual activities and assignments which are computer-aided; a required interactive assignment via Blackboard; and on-line midterm and final exams.

**Course content organization:**

Course materials, assignments, and activities will be posted in the Blackboard course website. Topics will be divided into weekly units, designated by folders, in Blackboard. By the first week of class, the first four weeks of course material will be made available. The remaining weekly units consisting of required readings, lecture notes and activities or assignments will be posted up to four weeks ahead of schedule as feasible.

**Textbook and Ordering materials:**

**Required Text:**

The following text is required for this course, the Communicable Disease tract at COPH and the Infection Control Certificate:

***Control of Communicable Diseases Manual*** by David L. Heymann, 19th edition (October 25, 2008). This is an invaluable reference text for communicable diseases. Available in paperback ISBN-13: 978-0875531892 Cost ranges \$30-35. ***(Previous editions are not as current as this version and are therefore not recommended for use in this course.)***

**Please note: This text does NOT have the most current nomenclature for the categories of isolation/precautions. DO NOT use the text to determine the correct category of isolation/precautions-use the Required Readings Appendix A for week 3-4.**

**How to Order:**

Purchase your textbook online on the HSC Bookstore website (<http://usfhsc.bncollege.com>), from Amazon.com or any other available source

**Other Required Materials:**

Supplemental Readings will be posted on the Blackboard course website.

**Topics:**

1. Overview of Infectious Disease Prevention Strategies
2. Historical Perspective: Influenza 1918
3. Historical Perspective on Biological Warfare & Current Threat of Bioterrorism
4. Transmission-Based Isolation/Precautions in Healthcare Facilities
5. Immunizations
6. Post Exposure Prophylaxis & Work Restrictions
7. Cleaning, Disinfection & Sterilization
8. Antisepsis & Hand Hygiene
9. Patient Care Practices
10. Prevention of Foodborne Illness
11. Bioreadiness in the Healthcare Setting
12. Disasters & Infectious Disease Prevention
13. Synthesis: Managing a Selected Epi/pandemic
14. A Global Perspective on Infectious Disease Prevention

**Types of assessments and activities in the course:**

**The grade will be determined as follows:**

9 Assignments (5% each)	45% Total (20 points each-180 points total)
Midterm exam	25% (100 points)
Final exam	30% (120 points)

**Total possible points for the course = 400**

**Extra credit points possible:**

<b>5 Activities (up to 1 point each):</b>	5 extra credit points added to the Assignment portion of the grade
<b>Exams:</b>	8 possible points: 4 pts. on the Midterm, & 4 pts. on the Final Exam

**Course Expectations:**

**Expectations for the class:**

1. Students are expected to keep up with the class, to read the Required Readings, and to submit assignments and activities by Saturday at 9 PM of the week the session is covered. As materials are presented up to four weeks ahead of when they are due, students should plan accordingly to assure that all required components are submitted on time.

2. Students are responsible for reviewing the syllabus during the first week of class and noting the dates/times of the midterm and final exams. If there are **anticipated** conflicts, the student must notify the instructor no later than 2 weeks before the exam.
3. Students should log on to Blackboard at least every other day (besides the time to review lectures and complete activities), to check for any announcements or updates.
4. Students are expected to independently complete all activities, assignments, tests and the final exam.
5. Students are expected to read the Required Readings every week, before reviewing the lectures, and are encouraged to read the Supplemental Readings and to complete the activities.
6. There will be one assignment that requires an interactive activity on the course Discussion Board.
7. To receive maximum points for essay questions, students need to follow the instructions carefully, follow word limits as instructed and use Spell Check. There will be deductions if these guidelines are not followed.
8. To be successful in this course, students will need to complete all required assignments, the midterm exam, and the final exam. Students will not be successful in passing the Certification Exam in Infection Control unless they take a comprehensive approach to all courses in the Infection Control Certificate Program by reading the supplemental readings and completing the activities in this course.

**Expectations for ALL assessments in this course:**

1. Assignments, extra credit activities, tests and exams are expected to be products of individual students. Students should not discuss any of the questions with each other, before or during the actual assignments, activities, tests or exams.

**Required Dates (to be online):**

1. Midterm Exam offered from 8 AM Thursday, March 8, 2012 at 8 AM until Friday, March 9, 2012 at 10 PM
2. Comprehensive Final Exam offered from 8 AM Sunday, April 29, 2012 until Tuesday, May 1, 2012 at 10 PM

**For more information about the Course, Contact:**

**Name:** Dr. Donna Haiduven

**Contact Info:** [dhaiduve@health.usf.edu](mailto:dhaiduve@health.usf.edu); USF-COPH office phone: (813) 974-6472

Note: For problems accessing the course materials and other computer technical problems, click the **Tech Assistance** button in your course website and fill out a "Technical Problem Report Form". Tech Assistance button links to the Technical Assistance page of the Office of Educational Technology & Assessment website at: <http://health.usf.edu/publichealth/eta/techsupport.html>. Students can also receive assistance via telephone at 813-974-6666, Mon-Fri 8:30am-5pm, or via email at [eta@health.usf.edu](mailto:eta@health.usf.edu).

**Technology Requirements (e.g. software or hardware):**

Visit this website for software requirements and downloads:

[http://health.usf.edu/publichealth/eta/students\\_tech\\_requirements.htm](http://health.usf.edu/publichealth/eta/students_tech_requirements.htm)

**Please Note:** The information on this document is subject to change. The course instructor has the right to change any information posted in this document. Students should check the official course syllabus released during the first week of classes for any updates to this document.