

# Course at a Glance

## Spring 2017



**Course Title:** Infectious Disease Prevention Strategies

**Course Number:** PHC 6517

**Dept:** GBH

**Credits:** 3

**Traditional Section:** 310

**Reference Number:** 12417

**For GDM, PHP, IMSPH, ExMPH Sections:** please visit Self-Funded Program [website](#) for course reference numbers, registration procedures and deadlines.

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

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

**Course Description:**

This 3-credit course focuses on primary, secondary and tertiary strategies to prevent infectious diseases, with an emphasis on infection control in healthcare settings. These strategies include outbreak control measures; isolation/precautions in healthcare facilities; cleaning, disinfection, antisepsis and sterilization; the role of immunization, antimicrobial prophylaxis and treatment; patient care practices to prevent infections; current outbreaks/pandemics; and prevention of foodborne illness. In addition, the epidemiology and control of numerous infectious diseases with global public health implications are discussed. It is one of the four required courses in the Infection Control Graduate Certificate Program as well as the online MPH program in Infection Control and an elective course in the Department of Global Health's Communicable Disease Track.

*For information on the Graduate Certificate in Infection Control, which is now available completely online, visit:*

<http://www.usf.edu/innovative-education/programs/graduate-certificates/infection-control.aspx>

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

The course will be delivered in a web-based format. Each module is designed to be completed within a one-week period.

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 quizzes and extra credit assignments which are computer-aided; a required interactive quiz/discussion via Canvas; and online midterm and final exams.

**Course content organization:**

Course materials, quizzes, and extra credit assignments will be posted in the Canvas course website. Topics will be divided into weekly modules in Canvas. By the first week of class, the first four modules of course material will be made available. The remaining modules consisting of required readings, lecture notes, quizzes, and/or extra credit assignments will be posted up to four weeks ahead of schedule as feasible. (*See course schedule in syllabus for due dates.*) Students are responsible for knowing the due dates and times of all required submissions.

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**Textbook and Ordering materials:**

**Required Text:** There is no **REQUIRED** text for this course.

**Other Required Materials:**

All Required Readings, Supplemental Readings, worksheets and any other materials will be provided via the Canvas course website.

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**Topics:**

1. Overview of Infectious Disease Prevention Strategies
  2. Historical Perspective: Influenza 1918
  3. Historical Perspective on Biological Warfare and Current Threat of Bioterrorism
  4. Transmission-Based Isolation/Precautions in Healthcare Facilities
  5. Immunizations for Vaccine-Preventable Diseases
  6. Post Exposure Prophylaxis and Work Restrictions and Varicella: A Case Example
  7. Cleaning, Disinfection, and Sterilization
  8. Asepsis and Hand Hygiene
  9. Patient Care Practices
  10. Prevention of Foodborne Illness: A Global Perspective
  11. Bioreadiness in the Healthcare Setting and Category A Agents of Biological Terrorism
  12. Disasters and Infectious Disease Prevention
  13. Synthesis: The Ebola Epidemic
  14. A Global Infectious Disease Perspective
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**Types of assessments and activities in the course:****The grade will be determined as follows:**

9 Quizzes (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: up to 13**

<b>Extra Credit Assignments:</b>	1 point each; up to 5 total extra points added to exams
<b>Midterm and Final Exams:</b>	4 possible extra points each on the Midterm and Final

### Course Expectations:

1. Students are expected to keep up with the class, to read the Required Readings, and to submit quizzes and extra credit assignments by due dates and times. As materials are presented at least 4 weeks ahead of when they are covered, students should plan accordingly to assure that all required components are submitted on time. ***Please note the due dates and times of the quizzes and extra credit assignments.***
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 access the course website and check email at least every other day (besides the time to review lectures and complete quizzes and extra credit assignments), to check for any announcements, updates, and/or potential issues related to quiz/extra credit assignment submissions.
4. Students are expected to independently complete all quizzes, extra credit assignments, and exams.
5. There will be one quiz that requires an interactive activity in the course Class Discussion feature.
6. To receive maximum points for 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.
7. To be successful in this course, students will need to complete all required quizzes and exams. Students will increase their chances of passing the Certification Exam in Infection Control if they take a comprehensive approach to all courses in the Infection Control Certificate Program by reading the supplemental readings and completing the extra credit assignments in this course.
8. In case of a medical/family or other emergency, which will result in missing an assignment/exam/activity, the student should notify the instructor as soon as this is known. Documentation from the student may be required.

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

1. Quizzes, extra credit assignments, 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 quizzes, extra credit assignments, or exams.

### Required Dates (to be online):

1. Midterm Exam offered Thursday, March 12, 2015 at 8 AM until Friday, March 13, 2015 at 10 PM
2. Comprehensive Final Exam offered Sunday, April 26, 2015 at 8 AM until Tuesday, April 28, 2015 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.