Course at a Glance
Spring 17

Course Title: Infection Control Program Design

Course Number: PHC 6314

Dept: GLH

Credits: 3

Traditional Section: 310 **Reference Number:** 20669

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

Instructor Name: Donna Haiduven, PhD, RN, CIC

Instructor Email: dhaiduve@health.usf.edu

Course Description:

This 3-credit course will outline the elements essential to the design of an infection prevention/control program. These required and recommended infection control program components include but are not limited to: policies and procedures; regulatory agencies and requirements; patient safety in relation to infection control; product design and evaluation; consultation to the microbiology laboratory; personnel and information resources; management; communication; budget; research design and scientific review; monitoring antibiotic usage; input into facility design; conducting an Infection Control Risk Assessment; principles of adult learning and audiovisual techniques; and other applicable concepts. It is one of the four required courses in the Infection Control Graduate Certificate Program as well as the on-line 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 on-line, visit: http://www.usf.edu/innovative-education/programs/graduate-certificates/infection-control.aspx

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

The course is designed to be entirely web-based. Sessions consist of objectives, lecture notes, required and supplemental readings, assignments (worth 55% of the course grade), a web-based midterm exam (worth 20% of the course grade), and a web-based on-line open book comprehensive final exam (worth 25% of the course grade). Instructional methods include PowerPoint lectures (narrated, transcribed, and in some units, both), readings, interactive assignments and exercises.

Course content organization:

This course is organized into units. All course materials and assignments will be made available no later than two weeks piror to the week it is covered. *(See course schedule in syllabus for due dates.)* Students are responsible for knowing the due dates and times of all required submissions.

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 course website.

Topics and course learning objectives:

Upon completion of this course, the student will be able to:

1. Identify 8 essential components and 6 additional functions of an infection prevention & control program.
2. Describe the role of infection prevention & control personnel and infection control committees. Interpret regulatory requirements and how they affect infection prevention & control program design.
3. Assess communication styles and apply effective strategies for management & communication scenarios.
4. Interpret regulatory requirements and how they affect infection prevention and control program design.
5. Evaluate infection prevention & control mission statements, policies and procedures.
6. Outline patient safety issues and quality assurance activities as they relate to infection prevention & control.
7. Evaluate abstracts and research articles on infection control topics for scientific merit.
8. Demonstrate principles of product design and evaluation related to healthcare worker & patient safety.
9. Evaluate infection control instructional methods and adult learning principles targeting health care workers.
10. Describe the role of Employee Health in infection prevention.
11. Describe the role of the Infection Preventionist in consulation with the microbiology laboratory.
12. Explain the global issue of emerging antimicrobial resistance and the need for monitoring of antibiotic usage in healthcare settings.
13. Outline the infection control concepts related to facility design and maintenance as well as the role of the Infection Preventionist in facility design, maintenance, and conducting an Infection Control Risk Assessment.
14. Outline infection control program requirements in alternate infection control settings.
15. Outline the healthcare coasts incurred from healthcare-associated infections.
16. Develop an infection prevention & control program budget given the resources and an applicable scenario.

Types of assessments and activities in the course:

The grade will be determined as follows:

8 Assignments (5-10% each)	55% (220 points)
Midterm exam	20% (100 points)
Final exam	25% (120 points)

Total possible points for the course = 440

Extra credit points possible:

4 Activities (up to 2 points each):	8 extra credit points added to the Assignment portion of the grade
Exams:	4 possible points: 2 pts. on the Midterm, & 2 pts. on the Final Exam

Course Expectations:

1. Students are expected to keep up with the class, to read the Required Readings, and to submit assignments, exercises and activities by due dates and times. As materials are presented at least 2 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 assignments and extra credit activities.***
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 activities), to check for any announcements, updates, and/or potential issues related to assignment/activity submissions.
4. Students are expected to independently complete all activities, exercises, assignments, and the midterm and final exam.
5. There will be one assignment 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 assignments, the midterm exam, and the final exam. 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 activities 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:

On-line exercises, assignments, extra credit activities, 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 exercisies, assignments, activities, or exams.

Required Dates (to be online):

1. Midterm Exam offered Tuesday, February 24, 2015 at 8 AM until Thursday, February 26, 2015 at 10 PM

2. Comprehensive Final Exam offered Sunday, April 19, 2015 at 8 AM until Tuesday, April 21, 2015 at 10 PM

For more information about the course, contact:

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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

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

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.