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Spring 2018

### HSCC3140 Epidemiology

Dziyana Nazaruk

Georgia Southern University, Jiann-Ping Hsu College of Public Health, dnazaruk@georgiasouthern.edu

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**Georgia Southern University/ Armstrong Campus**  
**Department of Health Sciences**  
**HSCC3140**  
**Epidemiology**  
**Spring 2018**  
**Mondays, 1:30-4:15 pm**  
**Solms Hall 202**

<b>Instructor:</b>	<b>Dziyana Nazaruk, DrPH, MPH, MSSM</b>
<b>Office:</b>	<b>University Hall 154P</b>
<b>Phone:</b>	<b>912-344-2686</b>
<b>E-Mail Address:</b>	<b>Dziyana.Nazaruk@armstrong.edu</b>
<b>Office Hours:</b>	<b>Tuesdays: 12 pm- 3 pm; Thursdays: 12 pm- 3 pm</b>

**Required Text:** Robert H. Friis H (2010). Epidemiology 101. ISBN: 9781284107852

**Course Learning Objectives:**

- 1) The student will be able to discuss the history, philosophy, and scope of epidemiology as a foundation of disease prevention and health promotion.
- 2) The student will be able to deconstruct quantitative and qualitative measures utilized in epidemiology.
- 3) The student will be able to compare and contrast descriptive and analytic epidemiology.
- 4) The student will be able to identify the benefits and limitations of epidemiologic investigations.
- 5) The student will be able to conducting an outbreak investigation.
- 6) The student will be able to discuss special epidemiologic applications relative to public health in the 21st century.
- 7) The student will be able to interpret the unique language of epidemiology.

**Grading Criteria:**

A	89.5- 100.0%
B	79.5 – 89.4 %
C	69.5 – 79.4 %
D	59.5 – 69.4 %
F	0 – 59.5 %

**Instructional Methods:** Class meetings will be a combination of lecture, class discussion, and in-class activities. Written homework assignments, examinations, and class participation constitute the basis of student evaluations.

## Course Policies:

1. There will be no make-up exams given. Make-up tests will be mostly, if not all, essays and computations. If it is not made up **within one week**, you will receive 0 points for the exam. **You have 24 hours** after a test is taken by the class to contact me via email to schedule your make-up exam or a 0 will be assigned to the test.
2. The final exam is mandatory and will be given during finals week. Early final exams will not be given. If this scheduled time is a problem, please consider dropping this course.
3. Late work assignments are not accepted, please submit all assignments via D2L. Assignments are due upon entering the class, after that they are considered late and will not be accepted. **I will ONLY accept assignments submitted in .doc or .docx or .pdf formats online.** Any other type of submissions will not be opened and receive automatic “0” points. I do not accept assignments via email or via email as an attachment and if you try to send them this way, an automatic “0” will be assigned.
4. **All assignments** must be typed.
5. For assignments that are submitted via D2L, please note the following. If you are experiencing difficulty with D2L, contact tech support immediately. I am not a computer tech person and therefore cannot give you any help. Please try to do all assignments a day early so that submission of assignments will not be a problem.
6. By enrolling in this course, it is understood that you have read the syllabus, understand the rules and policies as stated, and will abide by them.
7. This syllabus, my lectures, and all materials distributed and presented by me during this course are protected by copyright law. You are authorized to take notes in this class but that authorization extends only to making one set of notes for your personal use and no other use. You are not authorized to sell, license, commercially publish, distribute, transmit, display, or record notes from this class unless you have my written consent to do so.
8. If you are receiving services from the Armstrong’s Office of Disability please come and see me as soon as possible, to schedule an appointment to present me with an accommodation letter.
9. When you need to contact me, please do so through the [dziyana.nazaruk@armstrong.edu](mailto:dziyana.nazaruk@armstrong.edu) email account. Please give me 48 hours to respond to emails. To write a **professional** email, please include the following: a salutation, identify who you are, what the contact is in reference too, and what you would like me to do. At the bottom of the email, please type out your name. Please be careful of nick names that you have associated with the person because they might show up that way.

10. Cell phone policy: Cell phones are expected to be OFF (or on silent) and OFF your person (in your purse or bookbag) at all times during all classes. If your cell phone goes off during class, you are using the phone (i.e. texting) or cell phone is on your desk/person at any time during any lecture you will be asked to leave the class and will lose 15 points from your total grade every time this happens. In case of an emergency, please notify me prior to class.

### **Academic Honesty Policy:**

All students are expected to demonstrate honesty in their academic pursuits. The university policies regarding issues of honesty can be found under the "Student Code of Conduct" All students are expected to study this document which outlines their responsibilities and consequences for violations of the policy. **Students are expected to complete the plagiarism tutorial online** at <http://www.library.armstrong.edu/plagiarismtutorial.html>

**Plagiarism is stealing someone else's words and/or thoughts** and is a serious matter on college and university campuses. Some students plagiarize materials with full knowledge of their act, and some students plagiarize materials in complete innocence. In any case, plagiarism can have grave repercussions from the guilty party failing an assignment to failing a course to being dismissed from the program or university (see *ASU Student's Illustrated*).

### **What counts as plagiarism?**

- 1) Copying and pasting information from a web site or another source and then revising it so that it sounds like your original idea.
- 2) Doing an assignment/essay/take home test with a friend and handing in separate assignments that contain the same identical ideas, language, phrases, etc.
- 3) Quoting a passage without quotation marks or citations, so that it looks like your own.
- 4) Paraphrasing a passage without citing the source.

## **Other Policies**

### **Changes in the Course Syllabus:**

The instructor may make changes in the course syllabus and graded assignments as needed. Any changes to the course syllabus will be communicated to the students via an announcement in the classroom.

### **Use of Student Work:**

All teacher education programs in the state of Georgia undergo periodic reviews by accreditation agencies and the state education department. For these purposes samples of student work are made available to those professionals conducting the review. Student confidentiality is assured under these circumstances. If you do not wish to have your work made available for these

purposes, please let the professor know before the start of the second class. Your cooperation is greatly appreciated.

## **Policies of the Health Sciences Department**

### **E-mail Policy**

The Health Sciences Department often communicates with its students via e-mail about policies, program changes, events, educational opportunities, and advisement, and other important issues. Because of privacy concerns and regulations, all e-mails will be sent to your official ASU e-mail address. It is imperative, and your responsibility, to check and maintain this account.

If you correspond with the Health Sciences Department or any of its faculty and staff using an e-mail account other than your assigned ASU account, the Department and its faculty are under no obligation to respond and accept no responsibility for information sent therein.

### **Behavioral Standards**

In addition to the academic requirements for your degree program, there are core performance standards required for its completion. These standards are deemed necessary for success in academic programs and employment in the degree fields:

1. It is essential the student behave in a professional manner. The student must not, in any fashion, cause distraction to the department, faculty, fellow students, or clients. Furthermore, the student must have the ability to: behave in an ethical manner; demonstrate good judgment, maturity (profanity in professional or academic settings will not be tolerated), sensitivity, and emotional stability; and establish effective harmonious relationships with faculty, fellow students, and clients.
2. It is essential that the student have the sensitivity, interpersonal, and professional skills sufficient to interact with individuals, families, and groups. Students will be evaluated using tools such as classroom performance and experiential evaluations, utilized by faculty and site supervisors, on the basis of their ability to appropriately adapt their manner of interaction with clients from a variety of social, emotional, cultural, and intellectual backgrounds.
3. It is essential that the student have communication abilities sufficient for interaction with others in verbal and written form. Students must be able to appropriately adjust

presentation/communication styles to a level that is compatible with the communication abilities of the client(s).

### **Code of Student Integrity Policy**

This policy applies to all students enrolled in a course taught by Health Sciences faculty.

Students who are found to have violated the Department of Health Science's Behavioral Standards, Policy on Distractions or ASU's Code of Student Integrity (by plagiarism, cheating, fabrication, or facilitation academic dishonesty, including coursework copyright infringement) will be immediately referred to the Armstrong Office of Student Integrity for adjudication. It is the student's responsibility to know and understand what constitutes cheating, plagiarism, fabrication, etc.

Specific information on the Code of Student Integrity can be found at:

<https://www.armstrong.edu/departments/student-affairs-honor-code>

### **My Commitment to You:**

As a student in my class, you are important to me. I am committed to your continued learning and college experience. You are never an interruption of my work. You are the purpose of it. Students are the most important people at Armstrong State University. I am honored that you entrust your education to me. Please feel free to visit my office, call, or e-mail me at anytime.

<b>Week</b>	<b>Topic</b>	<b>Readings</b>	<b>Assignments</b>
Week1 January 8	Introduction and Course Description  History, Philosophy, and Use of Epidemiology	Chapter 1	
Week 2 January 15	MLK  No class	_____	_____
Week 3 January 22	Epidemiologic Measurements Used to Describe Disease Occurrence	Chapter 2	
Week 4 January 29	Data and Additional Measures of Disease Occurrence	Chapter 3	Quiz 1
Week 5 February 5	Descriptive Epidemiology: Patterns of Disease- Person, Place, Time	Chapter 4	
Week 6 February 12	Association and Causality	Chapter 5	Quiz 2
Week 7 February 19	Analytic Epidemiology: Types of Study Design  Midterm Review	Chapter 6	
Week 8 February 26	Midterm Exam		Midterm Exam is Due
Week 9 March 5	Epidemiology and the Policy Arena	Chapter 7	
Week 10 March 12	Spring Break  No class	_____	_____

Week 11 March 19	Infectious Diseases and Outbreak Investigation	Chapter 8	
Week 12 March 26	Social and Behavioral Epidemiology	Chapter 9	Article Critique is Due
Week 13 April 2	Special Epidemiologic Applications	Chapter 10	Quiz 3
Week 14 April 9	Group Presentations		Disease Fact Sheet Presentations
Week 15 April 16	Group Presentations		Disease Fact Sheet Presentations
Week 16 April 23	Final Exam		Final Exam is Due

Assignments	Points	%
Disease Fact Sheet Presentation	100	22.7
Article Critique	80	18.2
Midterm Exam	100	22.7
Final Exam	100	22.7
Quizzes	30 (3*10)	6.85
Attendance and Participation	30	6.85
<b>Total</b>	<b>440</b>	<b>100</b>



### **Assignments Description:**

1. **Article Critique (80 points).** Detailed instructions and grading rubric are provided on D2L.
2. **Disease Fact Sheet Presentation (100 points).** Detailed instructions and grading rubric are provided on D2L.
  - **Topics to choose from:**
    - a. Obesity
    - b. Malaria
    - c. HIV
    - d. Breast Cancer
    - e. Skin Cancer
    - f. Diabetes
    - g. Influenza
    - h. Yellow fever
    - i. Pertussis
    - j. Tuberculosis Hepatitis C
3. **Participation.** At 1:35 pm each day, the door to the classroom will be shut. If you arrive after that, you will not be allowed to enter the room. If you arrive before that, dump your stuff and then leave and are not in the classroom by 1:35pm, then you can pick up your stuff at 4:00 pm. The disturbance to the course is too great with the constant late arrival of students. Attendance or class activities will happen randomly (6 times/ 5 points each) throughout the semester. 30 participation points can be earned during these times. 30pts.
4. **Quizzes.** 3 quizzes will be given over the course of the semester. These quizzes will be on the readings that were assigned in the syllabus. In order to successfully complete these quizzes, you must have read the material prior to taking them. Quizzes will be offered during the first 5 minutes of class on the date assigned. No make-up quizzes will be given, barring death or major hospitalization. 30 points.
5. **Exams.** There will be two exams, each is worth 100 points.