



## COURSE OUTLINE

**Course Number**  
**PBH 101**

**Course Title**  
**Principles of Public Health**

**Credits**  
**3**

**Hours:**  
**lecture/Lab/Other**  
**3/0/0**

**Co- or Pre-requisite**  
None

**Implementation**  
**sem/year**  
2018-2019

**Catalog description (as it appears in 2018-2019 edition):**

[Note: All revisions to the course description in the catalog require the submission of a memo to the Curriculum Committee.]

A broad overview of public health including historical perspectives, communicable disease, epidemiology, health policy, environmental health, emergency preparedness, as well as social, cultural and behavioral aspects of health across the life span. Additional topics present an introduction to public health infrastructure, delivery of local, state and national services, and core competencies for public health professionals.

**OFFERED:** Fall and Spring

**SECTION:** Email instructor for syllabus

**ROOM:** Email instructor for syllabus

**DAY, TIME:** Email instructor for syllabus

**INSTRUCTOR JKC OFFICE HOURS IN C326:** Email instructor for syllabus

**INSTRUCTOR WWC OFFICE HOURS IN MS168:** Email instructor for syllabus

You are **REQUIRED** to check your Mercer email addresses at least once per day all year. If you need support, follow [the instructions](#) first, then contact Prof. Millin.

**Is course New, Revised, or Modified?** No

**Required texts/other materials:** Please purchase all materials at the MCCC Bookstore. An Introduction to Community & Public Health, Ninth Edition James F. McKenzie, Robert R. Pinger, and Denise M. Seabert ISBN 978-1-284-10844-6

**Revision date:** Summer  
2018

**Questions:** Prof. Andrew Millin, (609) 570-3396, [millina@mccc.edu](mailto:millina@mccc.edu)  
**Instructor:** Prof. Jill Dinitz-Sklar, [dinitzj@mccc.edu](mailto:dinitzj@mccc.edu)

## **ACCOMMODATIONS FOR STUDENTS WITH SPECIAL NEEDS:**

Mercer County Community College is committed to ensuring the full participation of all students in all activities, programs and services. If you have a documented differing ability or think that you may have a differing ability that is protected under the ADA and Section 504 of the Rehabilitation Act, please contact Arlene Stinson in LB 216 [stinsona@mccc.edu](mailto:stinsona@mccc.edu) for information regarding support services. If you do not have a documented differing ability, remember that other resources are available to all students on campus including academic support through our learning centers on both campuses. Please let the instructor know immediately of your accommodations. If you need extended time on exams, the professor must be given two weeks notice to guarantee accommodations. **We support; you are responsible for your education.**

## **STUDENT SUCCESS COMMITMENT:**

One of Mercer's strategic goals is to ensure student success. To maximize your chance of success in this course, if you receive below a C on Exam #1 or Exam #2, you will be **required** to go see, in person for at least a thirty minute appointment, one of the following coaches **only**:

Prof. Killian: West Windsor Campus, MS 117, 609-570-3393, killiann@mccc.edu

Prof. Mohamed: West Windsor Campus, SC 223, 609-570-3671, mohamedj@mccc.edu

Prof. Bowman: West Windsor Campus, LA 117, 609-570-3376, bowmanv@mccc.edu

Prof. Santiago: KC 328, James Kerney Campus, 609-570-3146, santiagm@mccc.edu

Prof. White: KC 324, James Kerney Campus, 609-570-3152, whitej@mccc.edu

It is your responsibility to remind the coach to email Prof. Dinitz-Sklar to verify that you have met with them. If you receive below a C on Exam #2 after receiving below a C on Exam #1, you must meet with the same coach again for at least thirty minutes, along with Prof. Millin for at least thirty minutes: MS 152, 609-570-3396, KC 317F (Wednesdays), 609-570-3198 (Wednesdays), millina@mccc.edu. You are responsible for reminding both the coach and Prof. Millin to email Prof. Dinitz-Sklar to verify attendance at appointments.

The student who receives below a C on the first exam will have to meet coaching requirements before they take the second exam. If the student fails to meet coaching requirements, they will take Exam #2 once the requirements are met, or on the day of Exam #3.

Mercer offers **free library, tutoring, and initial counseling services** on both campuses. Take advantage of these resources to succeed, and email Prof. Millin for more information / support.

## **Course Competencies/Goals:**

***The student will be able to:***

- Speak to the history of public health from early humans to the present

- Discuss basic epidemiological concepts and calculate basic rates as it pertains to the epidemiology of communicable and noncommunicable diseases
- Understand health policy and how it pertains to the current status of the nation's public health and the public health as it is in the global community
- Understand the social, cultural and behavioral aspects of health across the life span
- Understand public health delivery on a local, state and national level

### **Course-specific Institutional Learning Goals (ILGs)/General Education Goals:**

- A. Communication: Students will communicate effectively in both speech and writing.**
- B. Critical Thinking and Problem-Solving: Students will use critical thinking and problem solving skills in analyzing information.**
- C. Ethical Reasoning and Action: Students will understand ethical issues and situations.**
- D. Information Literacy: Students will recognize when information is needed and have the knowledge and skills to locate, evaluate, and effectively use information for college level work.**
- E. Computer Literacy: Students will use computers to access, analyze or present information, solve problems, and communicate with others.**
- F. Collaboration and Cooperation: Students will develop the interpersonal skills required for effective performance in group situations.**
- G. Intra-Cultural and Inter-Cultural Responsibility: Students will demonstrate an awareness of the responsibilities of intelligent citizenship in a diverse and pluralistic society, and will demonstrate cultural, global, and environmental awareness.**

**Goal 1. Written and Oral Communication in English: Students will communicate effectively in both speech and writing.**

**Goal 2. Mathematics: Students will use appropriate mathematical and statistical concepts and operations to interpret data and to solve problems.**

**Goal 4. Technology or Information Literacy: Students will use computer systems or other appropriate forms of technology to achieve educational and personal goals.**

**Goal 7. History: Students will understand historical events and movements in World, Western, non-Western or American societies.**

**Goal 8. Diversity and Global Perspective: Students will understand the importance of a global perspective and culturally diverse peoples and assess their subsequent significance.**

### **Units of study in detail:**

#### **Unit I Community Health and Health Organizing/Promotion**

*The student will be able to...*

IA: Identify public health organizations and their functions, describe the history of public health.

IB: Identify the difference between personal and community health.

IC: Provide an overview of health organizing and health promotion.

## Unit II Epidemiology of Communicable and Noncommunicable Diseases

*The student will be able to...*

IIA: Understand the difference between epidemiologic disease rates.

IIB: Understand various disease transmission mechanisms.

IIC: Describe different types of epidemiologic studies.

## Unit III Public Health through the Life Cycle

*The student will be able to...*

IIIA: Understand issues related to Infant, Maternal and Child Health.

IIIB: Understand issues related to Adolescent, Young Adult and Adult Health.

IIC: Describe at each stage of life leading causes of morbidity and mortality.

### **TIMELINE:**

| DAY | DATE         | TOPICS                                       | COURSE UNITS  | TEXTBOOK CHAPTERS   |
|-----|--------------|--|---------------|---------------------|
| 1   | See syllabus | Public Health Organizations and History      | IA            | Chapters 1, 2       |
| 2   | See syllabus | Personal Health Initiatives                  | IB, IC        | Chapters 11, 12, 13 |
| 3   | See syllabus | Community Health Initiatives                 | IB, IC        | Chapters 5, 10      |
| 4   | See syllabus | Exam I                                       | IA, IB, IC    |                     |
| 5   | See syllabus | The Math of Epidemiology: Biostatistics      | IIA           | Chapter 3           |
| 6   | See syllabus | Disease Transmission and Prevention          | IIB, IIC      | Chapter 4           |
| 7   | See syllabus | Disease Prevention and Epidemiologic Studies | IIB, IIC      | Chapters 14, 15, 16 |
| 8   | See syllabus | Epidemiologic Studies: Practical             | IIC           | Chapters 14, 15, 16 |
| 9   | See syllabus | Exam 2                                       | IIA, IIB, IIC |                     |
| 10  | See syllabus | Infant, Maternal and Child Health            | IIIA          | Chapter 7           |
| 11  | See syllabus | Adolescent and Young Adult                   | IIIA, IIIB    | Chapter 8           |

|    |              |                         |                  |           |
|----|--------------|-------------------------|------------------|-----------|
|    |              | Health                  |                  |           |
| 12 | See syllabus | Adult Health and Beyond | IIIB, IIIC       | Chapter 9 |
| 13 | See syllabus | Projects                | ALL              |           |
| 14 | See syllabus | Exam 3                  | IIIA, IIIB, IIIC |           |

**IMPORTANT DATES:**

Course begins: See academic calendar

Final Exam date: Email instructor for syllabus

Last day for withdrawing from the course to get a "W" grade: See academic calendar

Grades anticipated online: See academic calendar

**EVALUATION OF STUDENT LEARNING:**

Students will be evaluated based on their attendance in class, homework, discussion topics as formative assessments to evaluate knowledge, project and exams as summative assessments to cover knowledge learned over the entire semester.

| <table border="1"> <tr> <td>3 Semester Exams</td> <td>30%</td> <td>3 @ 100pts = 300 pts</td> </tr> <tr> <td>Project</td> <td>15%</td> <td>1 @ 150pts = 150 pts</td> </tr> <tr> <td>4 discussion topics</td> <td>10%</td> <td>4 @ 25pts = 100 pts</td> </tr> <tr> <td>5 assignments</td> <td>40%</td> <td>5 @ 80pts = 400 pts</td> </tr> <tr> <td>Attendance</td> <td>5%</td> <td>50pts</td> </tr> <tr> <td><b>Total</b></td> <td><b>100%</b></td> <td><b>1000 points</b></td> </tr> </table> |             |                      | 3 Semester Exams | 30% | 3 @ 100pts = 300 pts | Project | 15% | 1 @ 150pts = 150 pts | 4 discussion topics | 10% | 4 @ 25pts = 100 pts | 5 assignments | 40% | 5 @ 80pts = 400 pts | Attendance | 5% | 50pts | <b>Total</b> | <b>100%</b> | <b>1000 points</b> | <table border="1"> <thead> <tr> <th>Points</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>930 ≤ x ≤ 1000</td> <td>A</td> </tr> <tr> <td>900 ≤ x &lt; 930</td> <td>A-</td> </tr> <tr> <td>860 ≤ x &lt; 900</td> <td>B+</td> </tr> <tr> <td>830 ≤ x &lt; 860</td> <td>B</td> </tr> <tr> <td>800 ≤ x &lt; 830</td> <td>B-</td> </tr> <tr> <td>750 ≤ x &lt; 800</td> <td>C+</td> </tr> <tr> <td>700 ≤ x &lt; 750</td> <td>C</td> </tr> <tr> <td>659 ≤ x &lt; 700</td> <td>D</td> </tr> <tr> <td>&lt; 659</td> <td>F</td> </tr> </tbody> </table> |  | Points | Grade | 930 ≤ x ≤ 1000 | A | 900 ≤ x < 930 | A- | 860 ≤ x < 900 | B+ | 830 ≤ x < 860 | B | 800 ≤ x < 830 | B- | 750 ≤ x < 800 | C+ | 700 ≤ x < 750 | C | 659 ≤ x < 700 | D | < 659 | F |
|--|-------------|----------------------|------------------|-----|----------------------|---------|-----|----------------------|---------------------|-----|---------------------|---------------|-----|---------------------|------------|----|-------|--------------|-------------|--------------------|---|--|--------|-------|----------------|---|---------------|----|---------------|----|---------------|---|---------------|----|---------------|----|---------------|---|---------------|---|-------|---|
| 3 Semester Exams   | 30%         | 3 @ 100pts = 300 pts |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| Project  | 15%         | 1 @ 150pts = 150 pts |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 4 discussion topics  | 10%         | 4 @ 25pts = 100 pts  |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 5 assignments  | 40%         | 5 @ 80pts = 400 pts  |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| Attendance   | 5%          | 50pts                |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| <b>Total</b>   | <b>100%</b> | <b>1000 points</b>   |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| Points   | Grade       |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 930 ≤ x ≤ 1000   | A           |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 900 ≤ x < 930  | A-          |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 860 ≤ x < 900  | B+          |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 830 ≤ x < 860  | B           |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 800 ≤ x < 830  | B-          |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 750 ≤ x < 800  | C+          |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 700 ≤ x < 750  | C           |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| 659 ≤ x < 700  | D           |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |
| < 659  | F           |                      |                  |     |                      |         |     |                      |                     |     |                     |               |     |                     |            |    |       |              |             |                    |   |  |        |       |                |   |               |    |               |    |               |   |               |    |               |    |               |   |               |   |       |   |

**ACADEMIC INTEGRITY STATEMENT:**

Mercer County Community College is committed to Academic Integrity – the honest, fair and continuing pursuit of knowledge, free from fraud or deception. This implies that students are expected to be responsible for their own work, and that faculty and academic support services staff members will take reasonable precautions to prevent the opportunity for academic dishonesty. **All will be held accountable based on [Student Handbook](#) policies.**

**A. Uses or obtains unauthorized assistance in any academic work.**

- copying from another student's exam.
- using notes, books, electronic devices or other aids of any kind during an exam when prohibited.
- stealing an exam or possessing a stolen copy of an exam.

**B. Gives fraudulent assistance to another student.**

- completing a graded academic activity or taking an exam for someone else.
- giving answers to or sharing answers with another student before, during or after an exam or other graded academic activity.
- sharing answers during an exam by using a system of signals.

**C. Knowingly represents the work of others as his/her own, or represents previously completed academic work as current.**

- submitting a paper or other academic work for credit which includes words, ideas, data or creative work of others without acknowledging the source.
- using another author's words without enclosing them in quotation marks, without paraphrasing them or without citing the source appropriately.
- presenting another individual's work as one's own.
- submitting the same paper or academic assignment to another class without the permission of the instructor.
- falsifying bibliographic entries.
- submitting any academic assignment which contains falsified or fabricated data or results.

**D. Inappropriately or unethically uses technological means to gain academic advantage.**

- inappropriately or unethically acquiring material via the Internet or by any other means.
- using any electronic or hidden devices for communication during an exam. Each instructor and academic support service area is authorized to establish specific guidelines consistent with this policy.

**The instructor reserves the right to update the course outline and syllabus at any time.**

See <http://mlink.mccc.edu/omb/OMB210.pdf>