

**STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK**



MASTER SYLLABUS

**COURSE NUMBER – COURSE NAME
HSMB 301 – Public Health Issues**

Created by: M. Fiacco

Updated by:

School of Business and Liberal Arts

Department: Business

Semester/Year: Fall 2019

- A. **TITLE:** Public Health Issues
- B. **COURSE NUMBER:** HSMB 301
- C. **CREDIT HOURS:** (Hours of Lecture, Laboratory, Recitation, Tutorial, Activity)

Credit Hours: 3
Lecture Hours: 3 per week
Lab Hours: per week
 Other: per week

Course Length: Weeks

- D. **WRITING INTENSIVE COURSE:** Yes No

- E. **GER CATEGORY:** None: Yes: GER
If course satisfies more than one: GER

- F. **SEMESTER(S) OFFERED:** Fall Spring Fall & Spring

- G. **COURSE DESCRIPTION:**

The course presents an overview of the history and development of public health. The student is provided with the opportunity to examine the current public health care system and its relevance to their practice. The fundamentals of epidemiology are covered. Applications to the students practice setting are explored. Health planning, health promotion, and global health issues are included

- H. **PRE-REQUISITES:** None Yes If yes, list below:

Pre-requisite: HSMB 101 or BIOL 209 or permission of instructor.

CO-REQUISITES: None Yes If yes, list below:

I. STUDENT LEARNING OUTCOMES: (see key below)

By the end of this course, the student will be able to:

<u>Course Student Learning Outcome</u> <u>[SLO]</u>	<u>Program Student Learning Outcome</u> <u>[PSLO]</u>	<u>GER</u> <u>[If Applicable]</u>	<u>ISLO & SUBSETS</u>	
1. Define public health and its origins.	Demonstrate effective oral and written communications skills.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
2. Examine the current public health system in the context of the total U.S. health care system.	Describe the framework in which healthcare services are produced, coordinated, consumed, and reimbursed.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
3. Define epidemiology and use glossary of terms, acronyms and abbreviations appropriately.	Demonstrate effective oral and written communications skills.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
4. Describe a program of disease prevention or health promotion	Demonstrate effective oral and written communications skills.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
5. Analyze global health issues and their impact on local public health concerns.	Discuss how global health issues affect the U.S. healthcare system		4-Soc Respons ISLO ISLO	GL Subsets Subsets Subsets
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KEY	Institutional Student Learning Outcomes [ISLO 1 – 5]
ISLO #	ISLO & Subsets
1	Communication Skills Oral [O], Written [W]
2	Critical Thinking <i>Critical Analysis [CA] , Inquiry & Analysis [IA] , Problem Solving [PS]</i>
3	Foundational Skills <i>Information Management [IM], Quantitative Lit./Reasoning [QTR]</i>
4	Social Responsibility <i>Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]</i>
5	Industry, Professional, Discipline Specific Knowledge and Skills

*Include program objectives if applicable. Please consult with Program Coordinator

J. **APPLIED LEARNING COMPONENT:** Yes No

If YES, select one or more of the following categories:

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|---|--|
| <input type="checkbox"/> Classroom/Lab | <input type="checkbox"/> Civic Engagement |
| <input type="checkbox"/> Internship | <input type="checkbox"/> Creative Works/Senior Project |
| <input type="checkbox"/> Clinical Placement | <input type="checkbox"/> Research |
| <input type="checkbox"/> Practicum | <input type="checkbox"/> Entrepreneurship |
| <input type="checkbox"/> Service Learning | (program, class, project) |
| <input type="checkbox"/> Community Service | |

K. **TEXTS:**

Riegelman, R., & Kirkwood, B. (2015). Public Health 101: Healthy People – Healthy Population, 2nd Ed. Jones and Bartlett

L. **REFERENCES:**

Scutchfield, F. Douglas and Keck, C. William, Principles of Public Health Practice, 2nd Ed., Thomson Learning, 2003.

Timmreck, Thomas C., Introduction to Epidemiology, 3rd Edition, Jones and Bartlett Publishers, 2002.

Turnock, Bernard J., Public Health, Jones and Bartlett Publishers, 2006.

M. **EQUIPMENT:** None Needed:

N. **GRADING METHOD:**

A -F

O. **SUGGESTED MEASUREMENT CRITERIA/METHODS:**

Assignments, discussions, and quizzes will be used to measure attainment of objectives. A final comprehensive examination will be utilized. Student participation will also be evaluated as part of the evaluation criteria.

P. **DETAILED COURSE OUTLINE:**

1.Principles of Population Health

- a) **Public Health: The Population Health Approach**
- b) **Evidence-based Public Health**

2. Tools of Population Health

- a) **Public Health Data and Communications**
- b) **Social and Behavioral Sciences and Public Health**
- c) **Health Law, Policy, and Ethics**

3. Preventing Disease, Disability, and Death

- a) Non-communicable diseases
- b) Communicable Diseases
- c) Environmental Health and Safety

4. Health Professionals and the Health Workforce

- a) Health Professionals and the Health Workforce
- b) Healthcare Institutions
- c) Health Insurance and Healthcare System

5. Public Health Institutions and Systems

- a) Public Health Institutions and Systems
- b) Food and Drugs as Public Health Issues
- c) From Single Solutions to Systems Thinking – The Future of Population Health

Q. LABORATORY OUTLINE: None Yes