

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

**COURSE OUTLINE**

**HSMB 301: PUBLIC HEALTH ISSUES**

**PREPARED BY: M. Fiacco**

**SCHOOL OF BUSINESS AND LIBERAL ARTS  
HEALTH CARE MANAGEMENT  
FALL 2016**

- A. **TITLE:** Public Health Issues
- B. **COURSE NUMBER:** HSMB 301
- C. **CREDIT HOURS:** 3
- D. **WRITING INTENSIVE COURSE (OPTIONAL):** NA
- E. **COURSE LENGTH:** 15 weeks
- F. **SEMESTER(S) OFFERED:** Fall
- G. **HOURS OF LECTURE:** 3 lecture hours
- H. **CATALOG 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.
- I. **PRE-REQUISISTES/CO-COURSES:** Pre-requisite: HSMB 101 or BIOL 209, or permission of instructor.

**GOALS** (student learning outcomes): By the end of this course, the student will:

Course Objective	Institutional SLO
1. Define public health and its origins.	2. Crit. Thinking 3. Prof. Competence
2. Examine the current public health system in the context of the total U.S. health care system.	2. Crit. Thinking 3. Prof. Competence
3. Define epidemiology and use glossary of terms, acronyms and abbreviations appropriately.	1.Communication 3. Prof. Competence
4. Design a program of disease prevention or health promotion.	1.Communication 2.Crit. Thinking 3.Prof. Competence
5. Analyze global health issues and their impact on local public health concerns.	2. Crit. Thinking 3. Prof. Competence

- K. **TEXTS:**  
Riegelman, R., & Kirkwood, B. (2015). Public Health 101: Healthy People – Healthy Population

**L. REFERENCES:**

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

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

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

**M. EQUIPMENT: N/A**

**N. GRADING METHOD: A-F**

**O. 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 TOPICAL 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: Not applicable**