

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

**COURSE OUTLINE**

**HLTH 115- Communicable Diseases**

**Prepared By: Timothy J. Farrell**

**SCHOOL OF  
SCIENCE, HEALTH & CRIMINAL JUSTICE**

**April 2015**

- A. **TITLE:** Communicable Diseases
- B. **COURSE NUMBER:** HLTH 115
- C. **CREDIT HOURS:** 3
- D. **WRITING INTENSIVE COURSE:** N/A
- E. **COURSE LENGTH:** 15 Weeks
- F. **SEMESTER(S) OFFERED:** Fall and Spring
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:** 3
- H. **CATALOG DESCRIPTION:** The course is designed for students interested in health. The major emphasis is reportable communicable diseases. Students learn the how to identify the disease agent, the reservoir, the mode of transmission, and the control of the spread. Diseases will be grouped as gastrointestinal, respiratory, blood-borne, and sexually transmitted.
- I. **PRE-REQUISITES/CO-COURSES:** None
- J. **GOALS (STUDENT LEARNING OUTCOMES):**  
By the end of this course, the student will be able to:

<i>Course Objective</i>	<i>Institutional SLO</i>
1. Identify and discuss the major organizations that track communicable diseases.	3. Prof. Competence
2. Identify and discuss the agent, reservoir, mode of transmission and control of a disease.	3. Prof. Competence
3. Discuss healthcare safety, personal protective equipment, blood borne pathogens and current health concerns.	3. Prof. Competence
4. Identify and describe Gastrointestinal Pathogens, Respiratory Pathogens, and Communicable Diseases.	2. Crit. Thinking 3. Prof. Competence
5. Apply an understanding of communicable diseases.	2. Crit. Thinking 3. Prof. Competence

- K. **TEXTS:** Control of Communicable Diseases Manual, 19<sup>th</sup> Edition, American Public Health Association, Heymann, Editor, 2008.
- L. **REFERENCES:** Taber's Cyclopedia Medical Dictionary, 18<sup>th</sup> Edition, F.A. Davis Co., Phil., PA.
- M. **EQUIPMENT:** N/A
- N. **GRADING METHOD:** A-F

**O. MEASUREMENT CRITERIA/METHOD:**

written examinations

quizzes

homework

projects

**P. DETAILED TOPICAL OUTLINE:**

I. Introduction

A. Organizations

1. NYSDOH

2. CDC

3. WHO

B. Basic definitions \*

1. Causative agent

2. Reservoir

3. Transmission

4. Control of disease

II. Blood-borne pathogens

A. HIV

B. Malaria

C. Babesiosis

D. Hepatitis

E. Lyme disease

III. Gastrointestinal pathogens

A. Cholera

B. E. coli O157:H7

C. Salmonella

D. Botulism

E. Parasites

F. Other food borne

IV. Respiratory pathogens

A. Anthrax

B. Pneumonia organisms

C. Meningitis

D. Diphtheria

E. Tuberculosis

F. SARS

G. Fungal pathogens

V. Sexually Transmitted Diseases

A. Chancroid

B. Chlamydia

C. Gonococcal

D. Herpes

E. Cervical cancer

F. Granuloma inguinale

\* All of 'B' is applied to each of the diseases studied in II through V.