



# BROWARD COMMUNITY COLLEGE COURSE OUTLINE

**LAST REVIEW: 2008-2009**

*(i.e. 2003-2004)*

**NEXT REVIEW: 2013-2014**

*(i.e. 2008-2009)*

**STATUS: A**

*(A, I, D)*

**COURSE TITLE: OSHA-Blood Borne Pathogens and Tuberculosis Training for Students**

**COMMON COURSE NUMBER: CAE 0476**

**CREDIT HOURS:**

**CONTACT HOUR BREAKDOWN**

*(per 16 week term)*

**CLOCK HOURS: 6.0**

*(Voc. Course ONLY)*

Lecture: **6.0**

Lab:

Clinic:

Other:

**PREREQUISITE(S): None**

**COREQUISITE(S): None**

**PRE/COREQUISITE(S): None**

**COURSE DESCRIPTION** *(750 characters, maximum):*

This program is designed to provide the required OSHA training for students regarding the blood borne pathogens and tuberculosis in order to protect them selves in the healthcare setting.

## **UNIT TITLES**

1. OSHA Regulations related to Bloodborne pathogens and Tuberculosis.
2. Epidemiology, signs & symptoms, modes of transmission, and Exposure Control Plan components.
3. Effectiveness, safety & administration of Hepatitis B Vaccine
4. Prevalence of Tuberculosis in the community.
5. Transmission, pathogenesis and diagnosis of Tuberculosis.
6. Significance of PPD Skin Testing.



# BROWARD COMMUNITY COLLEGE COURSE OUTLINE

## **I. Course Overview:**

Upon successful completion of this course, the students should be able to: Understand OSHA regulations and discuss various components of Bloodborne pathogens, Tuberculosis, and Hepatitis. Students will learn the modes of transmission and the prevention measures that are necessary to protect themselves from transmission of Bloodborne pathogens, Tuberculosis, and Hepatitis.

## **II. Units:**

### **Unit 1.**

#### General Outcome:

- 1.0 OSHA regulations related to Bloodborne pathogens and Tuberculosis

#### Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 1.1 Identify regulations of OSHA and how they apply to healthcare settings.



**Unit 2.**

General Outcome:

- 2.0 Epidemiology, symptoms, and modes of transmission of bloodborne diseases and Exposure Control Plan components.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 2.1 Identify and verbalize an understanding of tasks and utilization of appropriate personal protective equipment, engineering controls, and work practices.
- 2.2 List and demonstrate an understanding of serum/body fluid exposure and follow up.
- 2.3 Identify Biohazard signage and labeling



**Unit 3.**

General Outcome:

3.0 Effectiveness, safety and administration of Hepatitis B Vaccine

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

3.1 List efficacy of the Hepatitis Vaccine.

3.2 Understand how to safely administer the Hepatitis Vaccine.

3.3 Identify the benefits of being vaccinated.



**Unit 4.**

General Outcome:

- 4.0 The students should be able to understand the prevalence of Tuberculosis in the community.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 4.1 Identify and verbalize the signs and symptoms of TB
- 4.2 Identify possible ways of re-infection.
- 4.3 Identify modes and elements of TB transmission.



**Unit 5.**

General Outcome:

- 5.0 The students should be able to discuss transmission, pathogenesis, and diagnosis of TB.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 5.1 Verbalize Latent TB infection versus TB disease.
- 5.2 Identify principles of preventive therapy for latent TB infection.
- 5.3 List and identify drug therapy for active TB.
- 5.4 List and demonstrate understanding of the prevention of TB transmission in different health care settings, and the hierarchy of TB infection control measures.



**UNIT 6.**     General Outcome:

6.0           Significance of PPD Skin Testing.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 6.1     Identify possible allergy signs and symptom.
- 6.2     Identify PPD screening among BCG recipients.
- 6.3     Describe the purpose of PPD testing and participating in skin test programs.
- 6.4     State the importance of preventive therapy and drug therapy for active TB.



## **BROWARD COMMUNITY COLLEGE COURSE OUTLINE**

**RATIONALE:** To provide students entering a health science program with a understanding of TB, OSHA and blood borne pathogens so they will be able to protect them selves in the healthcare setting.

**FACULTY NAME:** Various faculty

**REQUIREMENTS OF THE COURSE:**

**Students must attend all the course to receive credit for contact hours. PARTIAL CREDIT IS NOT POSSIBLE.**

**EVALUATION PROCEDURE:**

**A Course Evaluation form is to be completed for the Department of Continuing Education/Workforce Development. This will enable planning and revision of offerings as needed.**

**ATTENDANCE:**

**A Certificate of Attendance will be given at the end of the course if the student is in compliance with attendance and registration policy. Full attendance is required to meet the Departmental policy and course objectives. It is the student's responsibility to sign in at each session.**

**CLASS PROCEDURES:**

**CLASS WILL BEGIN AND END ON TIME. NO SMOKING, EATING OR DRINKING IS PERMITTED IN ANY OF THE CLASSROOMS.**

**POST-TEST: Discussion**