

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: CLLS 103 Department: Clinical Lab Science

Course Title: Safety and OSHA Guidelines Semester: Spring Year: 1997

Objectives/Competencies

Course Objective	Competencies
1. General safety policy and procedures a. Introduction to the lab and the occupational hazards (biological, chemical) b. Safe work practices for personal safety c. Hazardous material spills d. Accident prevention and housekeeping	1. Define and follow safety policies 2. Define and identify each hazard 3. List and explain follow-up procedures 4. Demonstrate how to protect against accidents 5. Perform housekeeping rules
2. Identification and Pathogenesis of blood borne and other infections a. Transmission b. Personal protective equipment c. Exposures d. Biohazardous material e. Definitions of HIV and hepatitis f. Immunizations	1. Define and identify blood borne pathogens and the transmission of 2. List personal protective equipment 3. Describe the hepatitis B vaccine and its use
3. Impact of regulatory mandates for safety a. Definition and purpose of OSHA regulations	1. Define OSHA regulations for laboratory safety 2. Identify mandated components of exposure control plan

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<ul style="list-style-type: none"> b. OSHA blood borne pathogens rule (universal precautions) c. OSHA exposure to chemical hazardous rule (chemical hygiene plan) d. Meeting OSHA mandates e. CLIA '88 and Laborator's licensure and safety aspects <p>4. Miscellaneous safety topics</p> <ul style="list-style-type: none"> a. Fire safety b. Tuberculosis precautions c. Equipment safety d. Ergonomics e. Disaster preparedness <p>5. Knowledge and use of CPR</p> <ul style="list-style-type: none"> a. Definition b. Certification c. Consequence of unsafe behavior d. Review 	<ul style="list-style-type: none"> 3. Define CLIA '88 regulations as they impact laboratory safety 4. Design a safety plan <ul style="list-style-type: none"> 1. Describe the concept of each safety topic 2. Demonstrate knowledge of the impact of each topic in the clinical laboratory 3. Analyze safety case studies <ul style="list-style-type: none"> 1. Define CPR 2. Describe situations that would require CPR 3. Explain how to receive certification 4. Know the impact of unsafe practices