



# Wayne County Community College District

## COURSE SYLLABUS

### PTT 107 Safety and Infection Control

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:** This course provides an overview of infection control practices required in all healthcare settings, and specifically as they apply to physical therapy facilities. Modes of transmission, personal protective equipment, and isolation precautions are introduced. Policies and procedures for maintaining patient and clinician safety in inpatient and outpatient settings including OSHA standards, Safety Data Sheets, vital signs, and CPR, BLS, and first aid are emphasized. 45 hours of direct instruction required. Reserved for PTT majors.

**PREREQUISITES:** ALH 110, PSY 101, BIO 155, ENG 119, PTT 101, PTT 103, PTT 104

#### **EXPECTED COMPETENCIES:**

*Upon completion of this course, the student will be able to:*

- Identify risk factors for healthcare-associated infections and their modes of transmission.
- Summarize the seven elements of infection control as outlined in CDC and OSHA standards.
- Outline the chain of infection.
- Describe infection prevention strategies including standard and universal precautions, transmission-based precautions, contact precautions, droplet precautions, and airborne precautions.
- Explain the importance of safe disposal of sharps.
- Discuss workplace responsibilities for reducing exposure to potentially infectious material.
- Define the principles and practices of cleaning, disinfection, and sterilization.
- Explain sepsis and septic shock and generalize the most common causes of each.
- Understand the importance of standard first aid, basic life support, and CPR.
- Recognize patient distress.
- Demonstrate understanding of the importance of a safe health care environment, including potential hazards and fall prevention.
- Describe the physical therapy technician's role in maintaining a clean, safe workplace.
- standard precautions related to infection control
- Define key terms related to infection prevention and control.
- Summarize the importance of hand hygiene and appropriate use of PPE in preventing healthcare-associated infections.
- Demonstrate the ability to properly practice hand hygiene and don/doff PPE.

#### **ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, and oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100%	=	A
80%-89.9%	=	B
70%-79.9%	=	C
60%-69.9%	=	D
<60%	=	E