

## Course Specification Student Version

<b>Course Title:</b>	Infection Control
<b>Course Code:</b>	NURS 315
<b>Department:</b>	Basic Medical Sciences
<b>Program:</b>	Bachelor of General Nursing
<b>College:</b>	Vision College in Riyadh
<b>Institution:</b>	Vision College in Riyadh
<b>Revised:</b>	July 2025

## A. Course Identification

1. Credit hours: 3 (3+0+0)
2. Level/year at which this course is offered: Level 5/ Year 3
3. Pre-requisites for this course (if any): NURS 213
4. Co-requisites for this course (if any): None

## B. Teaching Methods

1	Lecture
2	Assignment
3	Seminar

## C. Course Description and Objectives

### 1. Course Description

This course is designed to help the students to acquire knowledge related to different micro-organisms either useful or harmful for living creatures, the chain of infection & the factors affecting susceptibility.

Methods of disinfection, sterilization, medical & surgical asepsis, universal precaution and infection control prevention strategies, policies and procedures will be emphasized.

The course will also provide skills needed to ensure environmental safety from various infections for maintaining a healthy and hygienic society.

### 2. Course Main Objective

The main objective of this course is to equip students with the knowledge, skills, and attitudes necessary to implement basic infection control measures across various levels of prevention within healthcare settings.

### 3. Course Objectives

**By the end of this course, students should be able to:**

- Acquaint the student with an overview through knowledge, skills and attitudes necessary to practice basic infection control measures at different levels of prevention in health care settings.
- Define the key terms related to infection control.
- Acquire knowledge related to different micro-organisms either useful or harmful for living creatures, the chain of infection & the factors affecting susceptibility.
- Discuss the methods of disinfection, sterilization, medical & surgical asepsis, universal precaution and infection control prevention strategies, policies and procedures will be emphasized.
- Provide skills needed to ensure environmental safety from various infections for maintaining a healthy and hygienic society.
- Demonstrate the universal and standard precautions to patient care situations to decrease the incidence of infection.

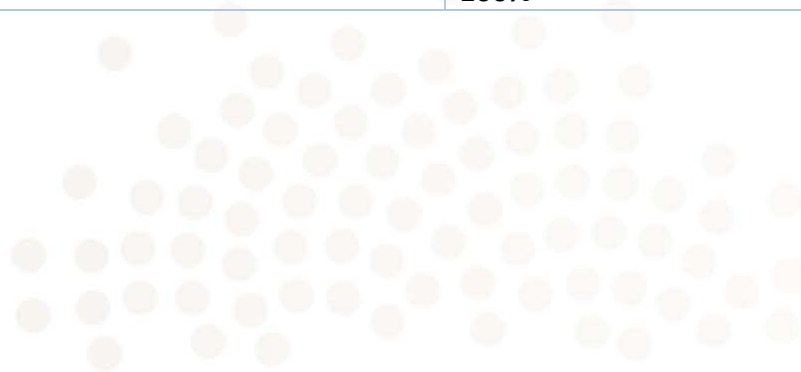
## D. Course Content



No	List of Topics
1	Basic Infection Prevention and Control Guidelines Basic Infection Control Measures at different level of prevention in health care settings. Infection Control Risk Assessment.
2	Infection Control Precautions Organization of Hospital Infection Control Program Universal Precaution and Infection Control Prevention strategies, policies
3	Hand hygiene guidelines Procedure for Hand Washing with Soap and Water Hand Rubbing with Alcohol Based Surgical hand antisepsis Personal Protective Equipment
4	Heat, Ventilation, and Air Conditioning HVAC Operating Theatres Cleaning, Disinfection and Sterilization
5	Central Sterile Supply Department CSSD General Guidelines of CSSD Decontamination process of CSSD
6	Hospital Environmental Cleaning Management of Infectious Spills Cleaning and Disinfection of Medical Equipment
7	Occupational Exposure Occupational Exposure Management Prevention of Sharp Injuries among HCW
8	Device Associated Infections -CAUTI Device Associated Infections -CLABSI Device Associated Infections -VAP
9	Antimicrobial Resistance MDRO Surveillance and Prevention Antimicrobial stewardship
10	Different Micro-organisms either useful or harmful for living creatures The chain of infection and the Factors affecting susceptibility Examples of microbial diseases
11	Immunization of Healthcare Workers Contraindications for Vaccination
12	Categories of Outbreak Formation Of an Outbreak Control Team Outbreak Investigation and Management
13	Challenges and Solutions: Infection Prevention in Long-Term Care Settings Outbreak Management in Long-Term Care Facilities Innovation and Collaboration: Strengthening Infection Control Practices

## E. Assessment Tools

#	Assessment task	Percentage of Total Assessment Score
1	Seminar Evaluation Using Rubrics	10%
2	Quizzes	10%
3	Assignment /CBD	10%
4	Midterm Exam	30%
5	Final Written Exam	40%
	<b>Total</b>	<b>100%</b>



## F. Learning Resources

<b>Essential References</b>	<ul style="list-style-type: none"> <li>Singh S, Gupta K, Kant S. (2012). Hospital Infection Control Guidelines: Principles and Practice. Jaypee Brothers Medical Publishers. New Delhi. Panama. London. Dhaka.</li> <li>Damani N. (2003). Manual of Infection Control Procedures. Greenwich Medical Media. 137 Euston Road, London.</li> </ul>
<b>Supportive References</b>	<ul style="list-style-type: none"> <li>Smelter S, Barc L, Bruuner and Suddarh. "Textbook of Medical-Surgical Nursing". Lippincott. CO. 14 Edition (November 2017) ISBN-13: 9781496347992</li> <li>Phipps S. Medical Surgical Nursing Health and Illness. Perspectives. (2007). 7 Edition. Lippincott. Mosby.</li> <li>Perry and Potter. Clinical Nursing Skills and Techniques. (2014). 8 Edition. Elsevier. Mosby.</li> </ul>
<b>Electronic Materials</b>	<ol style="list-style-type: none"> <li>LMS resources</li> <li><a href="http://www.vdh.virginia.gov/epidemiology/surveillance/hai/documents/pdf/">http://www.vdh.virginia.gov/epidemiology/surveillance/hai/documents/pdf/</a></li> <li><a href="https://www.osha.gov/Publications/osh2254.pdf">https://www.osha.gov/Publications/osh2254.pdf</a></li> <li><a href="http://www.cdc.gov/hicpac/pdf/guidelines/eic_in_HCF_03.pdf">http://www.cdc.gov/hicpac/pdf/guidelines/eic_in_HCF_03.pdf</a></li> <li><a href="https://elearning.vision.edu.sa/course/view.php?id=424">https://elearning.vision.edu.sa/course/view.php?id=424</a></li> </ol>
<b>Other Learning Materials</b>	None