

# MODULE DESCRIPTION FORM

## نموذج وصف المادة الدراسية

Module Information					
معلومات المادة الدراسية					
Module Title	Medical Terminology	Module Delivery			
		Method	h/week	Frequency	
Module Type	Core	Theory	2	15	
Module Code	NUR111004	Lecture	-	-	
ECTS Credits	2 ECTS	Lab	-	-	
SWL (hr/sem)	50	Tutorial	-	-	
Practical	-	-	-	-	
Seminar	-	-	-	-	
Module Level	UG I	Semester of Delivery		1st Semester	
Administering Branch	Fundamentals of Nursing	College	NUR		
Module Leader	Hussein Khlaif ketab	e-mail	<a href="mailto:hussein.kh@uokerbala.edu.iq">hussein.kh@uokerbala.edu.iq</a>		
Module Leader's Acad. Title	Lecturer	Module Leader's Qualification			Ph.D.
Module Tutor	Ali Oun Jebur Al-Obaidi	e-mail	<a href="mailto:ali.oun@uowa.edu.iq">ali.oun@uowa.edu.iq</a>		
Peer Reviewer Name	Hayder Ghaleb Jabur	e-mail	<a href="mailto:Hayder.gh@uokerbala.edu.iq">Hayder.gh@uokerbala.edu.iq</a>		
Scientific Committee Approval Date	November 2, 2025	Version Number	1.0		

### Relation with other Modules

العلاقة مع المواد الدراسية الأخرى

Prerequisite module	None		Semester	None
Co-requisites module	None		Semester	None

## Module Aims, Learning Outcomes and Indicative Contents

### أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

#### Module Objectives

أهداف المادة الدراسية

1. **Analyze and construct medical terms** by identifying and applying word roots, prefixes, and suffixes related to human anatomy, physiology, and pathology.
2. **Apply the standard rules** for forming plurals, combining word parts, and using abbreviations safely in a clinical context.
3. **Define and utilize essential anatomical terminology**, including directional terms, body planes, cavities, and regions to accurately describe the location of symptoms and procedures.
4. **Interpret and communicate common medical terms** related to major body systems (e.g., integumentary, musculoskeletal, cardiovascular, nervous).
5. **Decipher the meaning of diagnostic and surgical procedures** based on their word components for each body system.
6. **Differentiate between terms describing normal physiological states and common disease processes.**
7. **Accurately interpret and use medical terminology** found in standard laboratory reports, diagnostic imaging requests, and patient charts.
8. **Translate complex medical terms into simple, clear language** for effective communication with patients and their families.
9. **Apply medical terminology accurately** in simulated clinical scenarios and case studies to enhance critical thinking and practical application.
10. **Demonstrate the ability to access and use medical dictionaries** and online resources to clarify and understand unfamiliar terms.

#### By the end of this module, students will be able to:

By the end of this module, students will be able to:

1. Identify the basic components and structure of medical terms, including at least 50 common word roots, prefixes, and suffixes.
2. Apply rules for combining word parts, plural formation, and abbreviations accurately in written exercises and quizzes.
3. Recognize and use medical terminology related to all major body systems, demonstrating correct usage in at least 5 case-based scenarios.
4. Describe directional terms, body planes, cavities, and regions, and correctly apply them in labeling exercises.
5. Interpret medical terms related to health, disease, and diagnostic procedures in clinical case studies and laboratory reports.
6. Demonstrate correct spelling, pronunciation, and usage of medical terms in oral and written communication.
7. Analyze medical terms in the context of patient documentation and healthcare records.
8. Integrate terminology knowledge to communicate effectively with healthcare professionals.
9. Solve case-based exercises using appropriate medical terminology to describe conditions, procedures, and treatments.
10. Evaluate own understanding and application of medical terminology through formative assessments and practical exercises, achieving at least 80% accuracy by the end of the module.

#### Module Learning Outcomes

مخرجات التعلم للمادة الدراسية

## Theory Lectures

### **Lecture 1: Introduction to Medical Terminology, Word Roots, Prefixes, and Suffixes. [SSWL= 2 hrs]**

Definition and importance of medical terminology in healthcare.

Structure of medical terms: word roots, prefixes, and suffixes.

Common word roots for major body systems.

Formation of terms using prefixes and suffixes.

### **Lecture 2: Rules for Combining Words, Plural Formation, and Abbreviations. [SSWL=2 hrs]**

Combining vowels and rules for joining word parts.

Plural forms of medical terms.

Common abbreviations and symbols used in healthcare documentation.

Guidelines for correct spelling and pronunciation.

### **Lecture 3: Terms Related to the Human Body in Health and Disease. [SSWL=2 hrs]**

Basic anatomical terms.

Terminology for normal body function vs. pathological conditions.

Common medical terms describing signs, symptoms, and diseases.

### **Lecture 4: Directional Terms, Planes, Body Cavities, and Regions. [SSWL=2 hrs]**

Anatomical directional terms (anterior, posterior, medial, lateral, etc.).

Body planes (sagittal, coronal, transverse) and sections.

Body cavities (cranial, thoracic, abdominal, pelvic) and their contents.

Regions of the body and quadrants used in clinical assessment.

### **Lecture 5: Medical Terms Related to the Integumentary System. [SSWL=2 hrs]**

Terminology for skin, hair, nails, and glands.

Common disorders and diseases of the integumentary system.

Diagnostic and treatment terms.

### **Lecture 6: Medical Terms Related to the Musculoskeletal System. [SSWL=2 hrs]**

Terminology for bones, joints, muscles, and connective tissues.

Common conditions and diseases (fractures, arthritis, muscular disorders).

Diagnostic procedures (imaging, lab tests) and therapeutic terms.

### **Lecture 7: Medical Terms Related to the Cardiovascular System. [SSWL= 2 hrs]**

Heart, blood vessels, and blood-related terminology.

Common cardiovascular diseases and diagnostic terms.

Treatment-related terminology (medications, surgical procedures).

### **Lecture 8: Medical Terms Related to the Respiratory System. [SSWL=2 hrs]**

Anatomy of respiratory structures (lungs, airways).

Terminology for common respiratory diseases (asthma, pneumonia, COPD).

Diagnostic tests (spirometry, imaging) and treatments.

### **Lecture 9: Medical Terms Related to the Digestive System. [SSWL=2 hrs]**

Gastrointestinal anatomy and related terminology.

Disorders of the digestive system (ulcers, hepatitis, GI infections).

Procedures and diagnostic tests (endoscopy, imaging, lab tests).

### **Lecture 10: Medical Terms Related to the Urinary System. [SSWL=2 hrs]**

Anatomy of kidneys, ureters, bladder, and urethra.

Terminology for urinary disorders (UTI, kidney stones, renal failure).

Diagnostic and treatment-related terms (dialysis, imaging, lab tests).

### **Lecture 11: Medical Terms Related to the Reproductive Systems. [SSWL=2 hrs]**

Male and female reproductive anatomy.

Terms for reproductive health, diseases, and disorders.

## **Indicative Contents**

### **المحتويات الإرشادية**

	<p>Diagnostic procedures (ultrasound, lab tests) and treatments.</p> <p><b>Lecture 12: Medical Terms Related to the Nervous System.</b> [SSWL=2 hrs]</p> <p>Brain, spinal cord, peripheral nerves terminology.</p> <p>Neurological diseases and disorders (stroke, epilepsy, neuropathies).</p> <p>Diagnostic procedures (EEG, MRI) and treatment terms.</p> <p><b>Lecture 13: Medical Terms Related to the Endocrine and Lymphatic Systems.</b> [SSWL=2 hrs]</p> <p>Endocrine glands and hormone-related terminology.</p> <p>Lymphatic system structure and terminology.</p> <p>Disorders (diabetes, thyroid disorders, lymphadenopathy).</p> <p>Diagnostic tests and therapeutic procedures.</p> <p><b>Lecture 14: Laboratory and Diagnostic Procedures Terminology.</b> [SSWL=2 hrs]</p> <p>Common laboratory tests (blood, urine, microbiology).</p> <p>Imaging terminology (X-ray, CT, MRI, ultrasound).</p> <p>Interpretation of laboratory results and abbreviations used.</p> <p><b>Lecture 15: Revision and Case-Based Practice on Term Usage.</b> [SSWL=2 hrs]</p> <p>Integrative review of all systems and terminology.</p> <p>Case-based exercises to apply terminology in clinical scenarios.</p> <p>Group discussions and practical exercises to reinforce learning.</p>
Total hrs = $\sum$ SSWL + (Mid Exam hrs+ Final Exam hrs) =30+3=33	

### Learning and Teaching Strategies

#### استراتيجيات التعلم والتعليم

<b>Strategies</b>	<ol style="list-style-type: none"> <li>1. Lectures – To introduce basic concepts, word roots, prefixes, suffixes, and system-based terminology.</li> <li>2. Interactive discussions – To clarify complex terms, rules of word formation, and abbreviations.</li> <li>3. Small group activities – Collaborative exercises to practice spelling, pronunciation, and term usage.</li> <li>4. Self-directed learning – Encouraging students to use textbooks, online resources, and flashcards for independent practice.</li> <li>5. Quizzes and formative assessments – To reinforce knowledge and identify areas needing improvement.</li> <li>6. Presentations</li> <li>7. Case studies.</li> </ol>
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### Student Workload (SWL)

#### الحمل الدراسي للطالب محسوب لـ ١٥ أسبوعاً

<b>Structured SWL (h/sem)</b> الحمل الدراسي المنتظم للطالب خلال الفصل	33	<b>Structured SWL (h/w)</b> الحمل الدراسي المنتظم للطالب أسبوعياً	2.20
<b>Unstructured SWL (h/sem)</b> الحمل الدراسي غير المنتظم للطالب خلال الفصل	17	<b>Unstructured SWL (h/w)</b> الحمل الدراسي غير المنتظم للطالب أسبوعياً	1.13
<b>Total SWL (h/sem)</b> الحمل الدراسي الكلي للطالب خلال الفصل	50		

## Module Evaluation

تقييم المادة الدراسية

	Time Number	Weight (Marks)	Week Due															Relevant Learning Outcome										
			W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10	
Formative	Quizzes	2	5%			X										X		X	X	X	X	X	X	X	X	X		
	Report	1	10%							X									X				X					
	Lab Report	-	-																									
	Project	1	10%											X					X	X	X		X					
	Online Assig.	2	5%				X								X			X	X	X	X	X	X	X	X	X		
	Onsite Assig.	-	-																									
	Seminar	-	-																									
Summative	Mid. Exam	1H	10% (10)						X									X					X			X		
	Final Exam	2H	50% (50)	Week 15															X	X	X	X	X	X	X	X	X	
<b>Total assessment</b>			100%																									

## Delivery Plan (Weekly Syllabus)

المنهاج الأسبوعي النظري

	Material Covered
<b>Week 1</b>	Introduction to Medical Terminology, word roots, prefixes, and suffixes
<b>Week 2</b>	Rules for combining words, plural formation, and abbreviations
<b>Week 3</b>	Terms related to the human body in health and disease
<b>Week 4</b>	Directional terms, planes, body cavities, and regions
<b>Week 5</b>	Medical terms related to the integumentary system
<b>Week 6</b>	Medical terms related to the musculoskeletal system
<b>Week 7</b>	Medical terms related to the cardiovascular system
<b>Week 8</b>	Medical terms related to the respiratory system
<b>Week 9</b>	Medical terms related to the digestive system
<b>Week 10</b>	Medical terms related to the urinary system
<b>Week 11</b>	Medical terms related to the reproductive systems
<b>Week 12</b>	Medical terms related to the nervous system
<b>Week 13</b>	Medical terms related to the endocrine and lymphatic systems
<b>Week 14</b>	Laboratory and diagnostic procedures terminology
<b>Week 15</b>	Revision and case-based practice on term usage

## Learning and Teaching Resources

مصادر التعلم والتدریس

		Text	Available in the Library?
<b>Required Texts</b>		Ehrlich, A., Schroeder, C. L. Medical Terminology for Health Professions. 9 <sup>th</sup> ed. Cengage Learning, 2021.	Yes
<b>Recommended Texts</b>		• Chabner, D. The Language of Medicine. 12 <sup>th</sup> ed.). Elsevier, 2020.	No
<b>Websites</b>		<ul style="list-style-type: none"> <li>• MedlinePlus (<a href="https://medlineplus.gov">https://medlineplus.gov</a>)</li> <li>• World Health Organization (WHO) (<a href="https://www.who.int">https://www.who.int</a>)</li> </ul>	

## Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks %	Definition
Success Group (50 - 100)	<b>A - Excellent</b>	امتياز	90 - 100	Outstanding Performance
	<b>B - Very Good</b>	جيد جداً	80 - 89	Above average with some errors
	<b>C - Good</b>	جيد	70 - 79	Sound work with notable errors
	<b>D - Satisfactory</b>	متوسط	60 - 69	Fair but with major shortcomings
	<b>E - Sufficient</b>	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 - 49)	<b>FX – Fail</b>	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	<b>F – Fail</b>	راسب	(0-44)	Considerable amount of work required

**Note:** Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.