

**uCertify**

# Course Outline

## Medical Terminology For Beginners



21 May 2024

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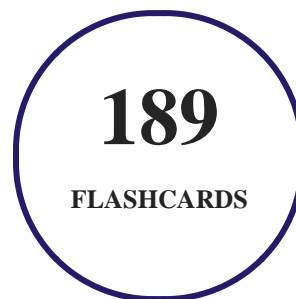
Videos and How To

## 1. Course Objective

The Medical Terminology For Beginners course is perfect for those new to the medical field or anyone eager to understand the language used by healthcare professionals. This course is designed to make learning medical terms easy and enjoyable. Explore the building blocks of medical language, including prefixes, suffixes, and root words, to decipher complex terms.

## 2. flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



## 3. Glossary of terms

uCertify provides detailed explanations of concepts relevant to the course through Glossary. It contains a list of frequently used terminologies along with its detailed explanation. Glossary defines the key terms.



## 4. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

## 5. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

## 6. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

## 7. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been

recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**

1. Best Postsecondary Learning Solution

- **2015**

1. Best Education Solution
2. Best Virtual Learning Solution
3. Best Student Assessment Solution
4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

- **2016**

1. Best Virtual Learning Solution
2. Best Education Cloud-based Solution
3. Best College and Career Readiness Solution
4. Best Corporate / Workforce Learning Solution
5. Best Postsecondary Learning Content Solution
6. Best Postsecondary LMS or Learning Platform
7. Best Learning Relationship Management Solution

- **2017**

1. Best Overall Education Solution
2. Best Student Assessment Solution
3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

- **2018**

1. Best Higher Education LMS or Learning Platform

2. Best Instructional Solution in Other Curriculum Areas
3. Best Learning Relationship Management Solution

- **2019**

1. Best Virtual Learning Solution
2. Best Content Authoring Development or Curation Solution
3. Best Higher Education Learning Management Solution (LMS)

- **2020**

1. Best College and Career Readiness Solution
2. Best Cross-Curricular Solution
3. Best Virtual Learning Solution

## 8. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

## Syllabus

### Chapter 1: Introduction

- About This Course
- Icons Used in This Course

### Chapter 2: Scrubbing In to Master Medical Terminology

- The Tale behind the Terms
- Making Terminology Work for You
- Building a Foundation of Vocabulary
- In Terms of Anatomy
- All Systems Go
- Down-Under Details
- The Ultimate Resource: You

### Chapter 3: Medical Terminology: The How and Why

- Defining Medical Terminology
- Medical Terminology in the Real World
- Changes in Medical Terminology
- It's Greek and Latin to Me
- Modernizing Medicine

### Chapter 4: Introducing the Big Three: Prefixes, Roots, and Suffixes

- Rooting Around for Answers
- Prefix as Precursor
- Common Prefixes



- Suffixes: Final Thoughts

## Chapter 5: Acronyms, Eponyms, Homonyms, Multiples, and Plurals — Oh My!

- Acronyms
- Deriving a Plural the Medical Way
- Welcome to the Peanut Gallery: More Exceptions to the Plural Rules

## Chapter 6: Say What? Pronunciation and Usage

- Hooked on Phonics
- Pronouncing Common Prefixes and Beginning Sounds
- Pronouncing Common Suffixes and Endings
- Pronouncing Common Combinations
- Putting It All Together
- What Condition Your Condition Is In
- Suffering Suffixes

## Chapter 7: As It Was in the Beginning: Prefixes

- Common Prefixes
- Matching Prefixes to Situations

- Retro Root Rewind A–M
- Retro Root Rewind N–Z

## Chapter 8: So It Shall Be in the End: Suffixes

- Common Suffixes
- Matching Suffixes to Situations

## Chapter 9: Hey, I Know You: Word Recognition

- The Inside Story: Terms for Your Interior
- Terms for the Outside of Your Body
- Pathological Conditions

## Chapter 10: Deconstruction Junction: Breaking Down Words

- Finding Parts of Words
- Going Deeper into Suffixes
- Adding Up Individual Word Meanings

## Chapter 11: An Org Chart to Live By: Organization of the Body

- Looking at the Big Picture
- Cells

- Tissues
- Organs and Systems
- Cavities of the Body
- Directional Terms and Anatomical Planes
- Regions of the Body

## Chapter 12: All Systems Go: When Systems Combine

- Anatomical Systems Working Together
- Physiology Systems Working Together

## Chapter 13: Boning Up on the Skeletal System

- How the Skeletal System Works
- Skeletal Root Words
- More Anatomical Terms
- Common Skeletal Conditions
- Finding the Culprit: Skeletal Diseases and Pathology
- Testing, Testing: Skeletal Radiology and Diagnostic Tests
- Paging Dr. Terminology: Skeletal Surgeries and Procedures

## Chapter 14: Getting Ripped: The Muscular System

- How the Muscular System Works
- Muscular Roots and Suffixes
- Action Item: The Movement of Your Muscles
- Common Muscular Conditions
- Finding the Culprit: Muscular Diseases and Pathology
- Testing, Testing: Muscular Radiology and Diagnostic Tests
- Paging Dr. Terminology: Muscular Surgeries and Procedures
- It's All Related: More Muscular Terms

## Chapter 15: Skin Deep: Skin, Glands, Nails, and Hair

- Layers of Skin
- Glands, Both Sebaceous and Sudoriferous
- Hair and Nails
- Integumentary Root Words
- Common Integumentary Conditions
- Finding the Culprit: Integumentary Diseases and Pathology
- Testing, Testing: Integumentary Radiology and Diagnostic Tests
- Paging Dr. Terminology: Integumentary Surgeries and Procedures

- More Integumentary Terms

## Chapter 16: It Depends on Your Perception: The Sensory Systems

- The Eye
- The Ear
- The Nose
- The Mouth
- The Touch Receptor
- Sensory Root Words
- It's All Related: More Anatomical Terms
- Common Sensory Conditions
- Finding the Culprit: Sensory Diseases and Pathology
- Testing, Testing: Sensory Radiology and Diagnostic Tests
- Paging Dr. Terminology: Surgeries and Procedures
- Terminology RX: Sensory Pharmacology

## Chapter 17: The Heart of the Matter: The Cardiovascular and Lymphatic Systems

- How the Cardiovascular System Works
- How the Lymphatic System Works

- Cardiovascular and Lymphatic Root Words
- Common Cardiovascular and Lymphatic Conditions
- Finding the Culprit: Cardiovascular and Lymphatic Diseases and Pathology
- Testing, Testing: Cardiovascular and Lymphatic Radiology and Diagnostic Tests
- Paging Dr. Terminology: Cardiovascular and Lymphatic Surgeries and Procedures
- Terminology Rx: Cardiovascular and Lymphatic Pharmacology

## Chapter 18: Just Breathe: The Respiratory System

- How the Respiratory System Works
- Respiratory Root Words
- It's All Related: More Anatomical Terms
- Common Respiratory Conditions
- Finding the Culprit: Respiratory Diseases and Pathology
- Testing, Testing: Respiratory Radiology and Diagnostic Tests
- Paging Dr. Terminology: Respiratory Surgeries and Procedures
- Terminology RX: Respiratory Pharmacology

## Chapter 19: Feeding Time: The Gastrointestinal System

- How the Gastrointestinal System Works

- Mouth and pharynx
- Esophagus
- Stomach
- Liver
- Pancreas
- Gallbladder
- Intestines
- Gastrointestinal Root Words
- Common Gastrointestinal Conditions
- Finding the Culprit: Gastrointestinal Diseases and Pathology
- Testing, Testing: Gastrointestinal Radiology and Diagnostic Tests
- Gastrointestinal Surgeries and Procedures
- Terminology RX: Gastrointestinal Pharmacology

## Chapter 20: Gatekeepers of Health: The Endocrine System

- How the Endocrine System Works
- Endocrine Root Words
- It's All Related: More Endocrine Anatomical Terms
- Common Endocrine Conditions

- Finding the Culprit: Endocrine Diseases and Pathology
- Testing, Testing: Endocrine Radiology and Diagnostic Tests
- Paging Dr. Terminology: Endocrine Surgeries and Procedures
- Terminology RX: Endocrine Pharmacology

## Chapter 21: Calming Down: The Nervous System

- How the Nervous System Works
- The Central Nervous System
- Peripheral Nervous System
- Nervous Root Words
- It's All Related: More Nerve-Wracking Terms
- Common Nervous Conditions
- Finding the Culprit: Nervous Diseases and Pathology
- Testing, Testing: Nervous Radiology and Diagnostic Tests
- Paging Dr. Terminology: Nervous Surgeries and Procedures
- Terminology RX: Nervous Pharmacology

## Chapter 22: When You Gotta Go: The Urinary System

- How the Urinary System Works



- Urinary Root Words
- Common Urinary Conditions
- Finding the Culprit: Urinary Diseases and Pathology
- Testing, Testing: Urinary Radiology and Diagnostic Tests
- Paging Dr. Terminology: Urinary Surgeries and Procedures
- Terminology RX: Urinary Pharmacology

## Chapter 23: Check the Plumbing: The Male Reproductive System

- How the Male Reproductive System Works
- Male Reproductive Root Words
- Pathological Male Reproductive Conditions
- Finding the Culprit: Male Reproductive Diseases and Pathology
- Testing, Testing: Male Reproductive Radiology and Diagnostic Tests
- Paging Dr. Terminology: Male Reproductive Surgeries and Procedures
- Terminology RX: Male Reproductive Pharmacology
- Say What? Male Terminology Tongue Twisters

## Chapter 24: A Life Force: The Female Reproductive System

- How the Female Reproductive System Works

- Female Reproductive Root Words
- It's All Related: More Female Reproductive Anatomical Terms
- Common Female Reproductive Conditions
- Finding the Culprit: Female Reproductive Diseases and Pathology
- Testing, Testing: Female Reproductive Radiology and Diagnostic Tests
- Paging Dr. Terminology: Female Reproductive Surgeries and Procedures
- Terminology RX: Female Reproductive Pharmacology

## Chapter 25: Ten Essential Medical Terminology References

- Medterms.com
- Medilexicon.com
- webMD.com
- Dorland's Illustrated Medical Dictionary, 32nd Edition
- Mosby's Medical Dictionary, 10th Edition
- Stedman's Medical Dictionary and Flashcard...ofessionals and Nursing Illustrated, 7th Edition
- Taber's Cyclopedic Medical Dictionary, 23rd Edition
- Sloane's Medical Word Book, 5th Edition
- Medicalmnemonics.com

- Medical Terminology Systems Quick Study Guide

## Chapter 26: Ten or So Useful Mnemonic Devices

- Cranial Nerves
- Lung Lobe Numbers
- The Size of a Thyroid
- Scalp Layers
- Muscles of the Rotator Cuff
- Radial Nerve
- Face Nerves
- Perineal versus Peroneal
- Sperm Path through Male Reproductive Tract
- Carpal Bone Locations
- Cranial Bones

## Chapter 27: Ten Sets of Terminology Tongue-Twisting Diseases

- Skeletal
- Muscular
- Integumentary

- Sensory
- Cardiovascular and Lymphatic
- Respiratory
- Gastrointestinal
- Endocrine
- Nervous
- Urinary and Reproductive

## Chapter 28: Top Ten Crazy-Hard-to-Spell Medical Terms

- Crazy-Hard-to-Spell Terms

## Chapter 29: Appendix: Handy Study Guide

- Synopsis of Body Systems and Their Parts
- Commonly Misspelled Medical Terms
- Common Medical Abbreviations
- Common Root Words
- Prefixes
- Suffixes

**GET IN TOUCH:**