

Medical Terminology (HITT 1305) Online



Credit: 3 semester credit hours (2 hours lecture, 2 hours lab)

Prerequisite/Co-requisite: Complete the Online Orientation and answer yes to 7+ questions on the Online Learner Self-Assessment:
<http://www.lit.edu/depts/DistanceEd/OnlineOrientation/OOStep2.aspx>

Course Description:

Study of word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols, surgical procedures, medical specialties, and diagnostic procedures. *This course is time-bound, structured, and completed totally online.*

Required Textbook and Materials:

1. Turley, Susan M., (2017). *Medical Language*, 4th Edition. Pearson ISBN: 9780134318127 (textbook only)
Or ISBN: 0-13-432047-6 (textbook + access code to MyLab + e-text)
2. Pearson MyMedicalTerminologyLab access code (Access code comes with new text book; scratch off on the inside front cover. If purchasing used text book, then must purchase access code separately. To purchase access code separately, you will need to go to www.mymedicalterminologylab.com. You can choose to purchase access code with e-text or without e-text.)
3. Computer with internet access

Course Objectives:

Upon completion of the course, the student should be able to:

1. Identify, pronounce, and spell medical terms.
2. Use medical terms in context.
3. Build and analyze medical terms.
4. Use medical references as resource tools.

Course Outline:

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| A. Word parts: The Structure of Medical Language | 7. The Body in Disease |
| 1. Welcome to Medical Language | 8. Healthcare Professionals and Healthcare Settings |
| 2. Vocabulary Review | 9. Vocabulary Review |
| 3. The Medical Record | 10. Abbreviations |
| 4. Abbreviations | 11. Career Focus |
| 5. Career Focus | C. Gastroenterology/Gastrointestinal System |
| B. The Body in Health and Disease | 1. Anatomy and Physiology |
| 1. The Body in Health | 2. Vocabulary Review |
| 2. Anatomy and Physiology | 3. Diseases |
| 3. Microscopic to Macroscopic | 4. Laboratory and Diagnostic Procedures |
| 4. Body Systems | 5. Medical and Surgical Procedures |
| 5. Medical Specialties | |
| 6. Vocabulary Review | |

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Course Syllabus

6. Drug Categories
 7. Abbreviations
 8. Career Focus
- D. Pulmonology/Respiratory System
1. Anatomy and Physiology
 2. Anatomy and physiology overview
 3. Root words
 4. Symptoms and signs
 5. Clinical case study: burns
 6. Treatments, procedures, and devices
 7. Pharmacology
 8. Abbreviations
 9. Medical reports
- E. Cardiology/Cardiovascular System
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- F. Hematology and Immunology/Blood and Lymphatic
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- G. Dermatology/Integumentary System
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- H. Orthopedics/Skeletal System
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- I. Orthopedics/Muscular System
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- J. Neurology/Nervous System
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- K. Urology/Urinary System
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- L. Male Reproductive Medicine/Male Genitourinary System
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- M. Gynecology and Obstetrics/Female Genital and Reproductive System

Revised January 2018

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1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- N. Endocrinology/Endocrine System
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- O. Ophthalmology/Eye
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
 5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- P. Otolaryngology/Ears, Nose, and Throat
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Diseases
 4. Laboratory and Diagnostic Procedures
5. Medical and Surgical Procedures
5. Medical and Surgical Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- Q. Psychiatry
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Mental Disorders
 4. Laboratory and Diagnostic Procedures
 5. Psychiatric Therapies
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- R. Oncology
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Cancer
 4. Laboratory and Diagnostic Procedures
 5. Medical, Surgical, and Radiation Therapy Procedures
 6. Drug Categories
 7. Abbreviations
 8. Career Focus
- S. Radiology and Nuclear Medicine
1. Anatomy and Physiology
 2. Vocabulary Review
 3. Abbreviations
 4. Career Focus

Grade Scale:

90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
0 - 59	F

Course Evaluation:

Final grades will be calculated according to the following criteria:

Assignments/Labs/Quizzes	20%
Participation / Discussion Boards	20%
Unit Exams (4)	45%

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Course Policies

1. Students must provide their own textbooks, writing instruments, and other necessary supplies for classes.
2. Students must log onto Blackboard and access this course a minimum of 4 – 5 times per week.
3. Students must respect one another and all faculty.
4. Internet Usage – Students are expected to use proper net etiquette while participating in course emails, assignment submissions, and online discussions.
5. Cheating of any kind will not be tolerated.
6. All exams will be taken on the scheduled dates. There will be **NO MAKE UP EXAMS**.
7. All assignments are due when stated. Late assignments are not accepted.
8. Additional course policies are outlined in “Classroom Policies” provided at the beginning of the semester.
9. Students are expected to follow the Lamar Institute of Technology Code of Conduct and Disciplinary Policy
10. Any violation of classroom/online policies may result in student being asked to leave class and result in an absence.
11. **If you wish to drop a course, the student is responsible for initiating and dropping the course. If you stop logging-in to the course and do not complete the course drop process, then you will receive an “F” grade for the course.**
12. The instructor will respond to e-mail and voice mail communication within 24 hours Monday through Friday. Assignment grades will be published within 2 weeks of the assignment due date.
13. **After all assignments have been submitted and graded**, if you have a Final Class Grade of “90 or Above”, your instructor will email you regarding your opportunity to be exempt from the final due to your class average. You can also choose to take the final exam, even if your Final Class Grade is “90 or Above”.

Technical Requirements:

The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at:

<http://kb.blackboard.com/pages/viewpage.action?pageId=25368512>

A functional internet connection, such as DSL, cable, 3G, 4G, WiMAX, WiFi, satellite, or other broadband access is necessary to maximize the use of the online technology and resources.

Disabilities Statement:

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an

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accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the online resource:

<http://www.lit.edu/depts/stuserv/special/defaults.aspx>

Student Code of Conduct Statement:

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu or obtained in print upon request at the Student Services Office.