



LINCOLN UNIVERSITY

DI 20 – Medical Terminology

Fall 2017 Course Syllabus

COURSE NUMBER: DI 20

COURSE TITLE: Medical Terminology

COURSE CREDITS: 3 units (45 lecture hours)

BASIC INFORMATION:

Class Meeting Hours: Tuesday 12:30 – 3:15 PM

Room number: TBA

Professor's name: Dr. Khatia Mania

Office Hours: by appointment

Contact Telephone: (510) 238-9744

E-mail: mania@lincolnuca.edu

TEXTBOOKS:

Medical Terminology: A Short Course by Davi-Ellen Chabner

7th edition (2014), ISBN-10: **1455758302**; ISBN-13: **978-1455758302**

6th edition (2011), ISBN-10: **1437734405**; ISBN-13: **978-1437734409**

Medical Terminology: A Programmed Learning Approach to the Language of Health Care

by Marjorie Canfield Willis (2007), ISBN-10: **0781792835**; ISBN-13: **978-0781792837**

Supplemental Textbooks:

1. Medical Terminology by Bonnie F. Fremgen, Suzanne S. Frucht

6th edition (2015), ISBN-10: **0134070259**; ISBN-13: **978-0134070254**

5th edition (2012), ISBN-10: **0132843471**; ISBN-13: **978-0132843478**

2. Medical Terminology Systems: Body Systems Approach by Barbara A.

Gyls 7th edition (2012), ISBN-10: **0803635753**; ISBN-13: **978-0803635753**

3. Medical Dictionary (any author, any edition)

COURSE DESCRIPTION: This course provides opportunity for students to develop knowledge, skills, process and understanding of medical terminology. (3 units)

Course Learning Outcomes: Upon completion of this course, students should complete homework projects and presentations. Students should be able to:

- Demonstrate basic understanding of combining forms, roots, suffixes and prefixes;
- Explain the basic rules of translating and making medical terms;
- Use knowledge of medical terms to work in medical field.

INSTRUCTIONAL METHODS:

Instructional methods will include lectures, classroom activities presentations and video material.

HOMEWORK:

The goal of the homework is to help students achieve the course learning objectives. Homework consists of two parts. First part is to read the textbooks and materials to review and analyze the lecture given during a previous class session. Students are expected to spend six hours for each class session outside of class in completing the reading assignments related to each lecture. These assignments are graded through short quizzes given at the beginning of the following class session. Second part of the homework consists of a project presented at the end of the course. Each student will choose the topic for presentation or will be assigned one by the instructor. The presentation should be approximately 10 minutes long and with 5 minutes for a discussion. The presentation should include ultrasound images which may be received from the Director of Diagnostic Imaging Laboratory, related to the topic of presentation. The topic and format for the presentation will be discussed in class for more details. A final draft of the presentation must be submitted for review one week prior to the presentation.

Evaluation Criteria for Project:

- > Clinical statement: 2%
 - > Background information: 2%
 - > Slide content: 2%
 - > Slide design: 1%
 - > Resolution of the problem: 2%
 - > Oral presentation in class: 1%
- Total: 10% of all the course grading elements

Quizzes:

Students will take 10 quizzes; 10-15 questions each. These quizzes will address the detailed content and major concepts presented in the lectures, lecture outlines and text readings to evaluate students' work outside of the classroom. If a student takes more than ten quizzes, only the best ten quiz scores will be used in calculating the student's total points. Each quiz will be timed; 1 minute for every question to complete. No make-up quizzes for missed quizzes will be administered (students will receive no score for missed quizzes).

EVALUATION:

1. Quizzes — Reading assignments will be given as described above. Quizzes will be given at the beginning of class sessions.
2. Project — Each student needs to present a completed project a week before the final examination.
3. Class attendance and class activity.
4. Midterm examination.
5. Final examination.

Grading Scale:

| | |
|--------|----|
| 94-100 | A |
| 90-93 | A- |
| 87-89 | B+ |
| 84-86 | B |
| 81-83 | B- |
| 78-80 | C+ |
| 76-77 | C |
| 74-75 | C- |
| 72-73 | D+ |
| 70-71 | D |
| 69≤ | F |

| | |
|------------------|------|
| Class Attendance | 10% |
| Class Activity | 10% |
| Quizzes | 20% |
| Midterm Exam | 20% |
| Project | 10% |
| Final Exam | 30% |
| | 100% |

COURSE GUIDELINES:

To successfully complete this course, the students must pass the quizzes, homework and final exam portions with a 70% or better. Students should attend all the class meetings. However, considering possible urgent situations, students may be absent from maximum four class meetings with prior notice to the instructor. Three late arrivals would affect the grade.

The term grade is based on attendance, class activity, project, midterm and sum of quizzes, and final examination. Individual projects will be assigned at the beginning of the semester. Project is due by the last meeting before the final examination. No project will be accepted after the due date.

If students have missed the class without a valid reason, no make-up for quizzes and presentations will be allowed. Students can retake only one unsatisfactory quiz. No retake for missed or failed midterm examination. **Final examination, if failed, can be retaken only once. If failed second time, the subject is considered failed.** Dictionaries are allowed during the class time. **No electronic devices during the test time.**

During the written exam, any student observed in a situation that could be considered suspicious (e.g., an open book within his/her field of vision, looking around or checking a cell phone or other wireless device, etc.) but no cheating is observed, will be warned. Once warned, any applicant found cheating on written exam will be failed for the exam and prohibited from retaking the written exam without permission from the dean.

Students cannot leave the room during the test/exam. As soon as a student leaves, his/her exam is considered finished.

Lecture is not a substitute for textbooks. Students should read textbooks and use other sources to be prepared for the tests. Lecture is to guide the students to prepare for the course subjects.

SCHEDULE OF TOPICS:

- 08/22/2017 – Introduction to medical terminology
- 08/29/2017 – Combining forms. Singular & Plural forms. Quiz #1
- 09/05/2017 – Roots. Pronunciation of medical terms. Quiz #2
- 09/12/2017– Suffixes. Quiz #3
- 09/19/2017 – Prefixes. Quiz #4

09/26/2017 – **Midterm Examination**

10/03/2017 – Medical Terminology of Musculoskeletal System

10/10/2017 – Medical Terminology of Female and Male Reproductive System

10/17/2017 - Medical Terminology of Digestive and Integumentary System. Quiz #5

10/24/2017 – Medical Terminology of Circulatory and Lymphatic System. Quiz #6

10/31/2017 - Medical Terminology of Respiratory System and Endocrine System. Quiz #7

11/07/2017 – Medical Terminology of Nervous System. Quiz #8.

Medical Terminology of Sense Organs. Quiz #9

11/14/2017 – Medical Terminology of Urinary System. Quiz #10

11/28/2017 – **Presentations of Projects**

12/05/2017 – Review and **Final Examination**

DUE DATE:

Due date for the project is 11/28/2017.

Syllabus was updated in August 2017.

Note: Instructor may change this syllabus and course schedule at any time according to the judgment as to what is best for the class. Any changes will be declared ahead of time in class.

APPENDIX. Program and Institution Learning Outcomes.

| Institutional Learning Outcomes (ILOs) | |
|---|---|
| <i>Graduates of the BS program of Lincoln University should be able to:</i> | |
| 1a | Develop the habits and skills necessary for processing information based on intellectual commitment, and using these skills to guide behavior. |
| 2a | Raise important questions and problems, and formulate them clearly and precisely in oral or written communication |
| 3a | Act with dignity and follow the principles concerning the quality of life of all people, recognizing an obligation to protect fundamental human rights and to respect the diversity of all cultures. |
| 4a | Focus on individual and organizational benefits; communicate to co-workers and company's leadership in facilitation of collaborative environment; to be honest and transparent with regard to their work, and to be respectful of the work of others. |
| 5a | Display sincerity and integrity in all their actions, which should be based on reason and moral principles; to inspire others by showing mental and spiritual endurance |
| 6a | Show creativity by thinking of new and better goals, ideas, and solutions to problems; to be resourceful problem solvers. |
| 7a | Define and explain the boundaries, divisions, styles and practices of the field, and define and properly use the principal terms in the field |

| Program Level Outcomes (PLOs) | |
|--|---|
| <i>Students graduating our BS in Diagnostic Imaging program will be able to:</i> | |
| 1 | Develop and demonstrate knowledge in principles of UT, medical terminology, physiology, sonography, and echocardiography. |
| 2 | Demonstrate ability of accurate patient positioning techniques, and use of imaging technology |
| 3 | Adapt imaging procedures based on patient's needs and clinical limitations. |
| 4 | Practice effective oral and written communication skills in the clinical setting |