



I. Course Information

Course: BIOL 2600 - Medical Terminology

Semester Credit Hours: 3.0

Course CRN and Section: 20562 - EV1

Semester and Year: Fall 2017

Course Start and End Dates: 08/21/2017 - 12/10/2017

II. Instructor Information

Name: Harkas, Maryam

Email: sedky@nova.edu

Office Hours:

Office Hours: T 4:30 PM - 5:45 PM, other times by appointment only

Location: Parker Building # 104

This course is administered by the Department of Biological Sciences. If the instructor cannot be reached, please contact the Department of Biological Sciences at 954-262-8424.

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
T	08/22/2017 - 10/03/2017	6:00 PM - 8:30 PM	Ft Lauderdale/Davie Campus	Parker Building-204
T	10/10/2017 - 10/10/2017	6:00 PM - 8:00 PM	Ft Lauderdale/Davie Campus	Parker Building-204
T	10/17/2017 - 11/28/2017	6:00 PM - 8:30 PM	Ft Lauderdale/Davie Campus	Parker Building-204
T	12/05/2017 - 12/05/2017	6:00 PM - 8:00 PM	Ft Lauderdale/Davie Campus	Carl DeSantis Building-2078

IV. Course Description

This course covers the basic structure of medical terms, including roots, prefixes, and suffixes. Emphasis will also be placed on the terminology of body systems. Medical terms related to anatomy, physiology, pathology, clinical procedures, laboratory tests, and medical abbreviations will be covered. Also, students will learn medical terminology related to specialized areas of medicine such as cancer medicines, nuclear medicines, radiology/radiotherapy, pharmacology, and psychiatry. Prerequisites: BIOL 1080, BIOL 1100, BIOL 1400, BIOL 1500, or BIOL 1510 or BIOL 1510H. Experiential Education and Learning (ExEL):

Successful completion of this course satisfies 1 ExEL unit. Frequency: Every Fall and Winter.

V. Course Objectives / Learning Outcomes

- 1) Analyze numerous medical terms and have a solid foundation on which to build a larger vocabulary.
- 2) Recognize medical terms and understand the context in which that word will be applied for all human body systems.
- 3) Build medical terms given the definitions of the term.
- 4) Accurately pronounce medical terms by reading medical terms and documents in class.
- 5) Demonstrate the ability to clearly communicate medical terminology concepts using both verbal and written forms of communication.
- 6) Create a professional pamphlet using graphics that conveys information to a layperson.
- 7) Perform an interview of a health care professional in order to demonstrate the ability to communicate medical terminology at the professional level.
- 8) Produce a professional medical document such as a discharge summary to develop problem solving skills.

VI. Materials and Resources

Book Url: [NSU Book Store](#)

Section Required Texts and Material:

Fremgen, B. & Frucht, S. (2016) *Medical Terminology: A Living Language*. Pearson Prentice Hall Upper Saddle River, NJ ISBN 13: 9780134070254

Section Supplemental Material:

Stedman's Dictionary for the Health Professions and Nursing Illustrated, 7th ed. (2011) Lippincott Williams & Wilkins. Baltimore, Maryland. ISBN-10: 9781608316922

VII. Course Requirements

Department of Biological Sciences Academic Honesty Policy: Any impropriety (e.g., cheating/plagiarism) on examinations and/or any coursework or enabling any such impropriety may constitute grounds for failing the course. A form describing any academic misconduct will be sent to the Dean's office and kept in the offending student's permanent record. Further disciplinary action may occur at the level of the University according to the University catalog section on academic integrity http://www.nova.edu/undergraduatestudies/forms/2016-17_undergraduate_catalog.pdf

VIII. Course Schedule and Topic Outline

Course Schedule:

Week OF	Topic	Readings
8/21	Introduction to Medical TerminologyBody Organization	Chapters 1 - 2
8/28	Test # 1 Integumentary System	Chapter 3
9/4	Musculoskeletal System	Chapter 4
9/11	Test # 2 Cardiovascular System	Chapters 3 - 4 Chapter 5
9/18	Blood, Lymphatics, and Immune Systems Respiratory System	Chapter 6 Chapter 7

IX.

9/25	Test #3 Respiratory System	Chapters 5 - 6 Chapter 7
10/2	Digestive System Review	Chapter 8
10/9	Midterm Lecture Exam: Check course wizard for date and time.	Chapters 1 - 7
10/16	Urinary System	Chapter 9
10/23	Reproductive System	Chapter 10
10/30	Test #4 Endocrine System	Chapters 9 - 10 Chapter 11
11/6	Nervous System	Chapter 12
11/13	Test #5 Special Senses	Chapters 11 - 12 Chapter 13
11/20	Special Topics	Chapter 14
11/27	Special Topics Review	Chapters 13 - 14
12/4	Final Lecture Exam: Check course wizard for date and time.	Chapters 1 - 14

Assessments

A. In-class Activity (160 points)

Worksheets: 60 Points: The activities for each chapter includes pronouncing terms analyzing terms, building terms, etc.

Game: 100 Points: Groups of three will be formed and chapters a signed.

B. Abstracts (110 points)

Each student will find abstracts of articles related to the medical terminology for chapters 3 to 13. You will need one abstract for each chapter. The article abstract should be from reputable medical journals.

Articles from Wikipedia and non-professional websites are not acceptable.

Use a library electronic database to find an abstract from a peer-reviewed healthcare journal (e.g., JAMA) related to any pathology, diagnosis, or treatment found in the textbook chapter(s). Highlight terms that you will analyze using the Analysis Table. A total of 10 different medical terms must be analyzed for prefix, combining form, suffix and definition for each word part. Turn in a print copy of the highlighted abstract and the completed analysis table at the very next class session you attend.

The following link may assist you in finding scientific abstracts.

<http://nova.campusguides.com/c.php?g=112486&p=727367>

C. Interview (50 points)

Students will complete an interview of a health care professional.

D. RX Assignment (50 Points)

Please see details on blackboard

E. Brochure Assignment (50 points)

Students will work individually to produce a Brochure on your future practice.

F. Chapter Tests (180 points)

Students will take 6 chapter tests covering the material from the assigned chapter readings. The tests start at the beginning of the class. Arrive on time to use the full allotted time for the tests.

G. Midterm Examination (150 points)

The midterm exam will cover the material from lectures and textbook chapters 1-9. The exam will be objective and will take place according to the College Exam Schedule. Please review the college exam schedule for exact time and date of the exam.

H. Final Comprehensive Examination (250 points)

The final comprehensive exam will stress the lecture material after the midterm chapters 10-17, however, some questions will be tested from chapters 1-9 as well. The final exam will take place according to the College Exam Schedule. Please review the college exam schedule for exact time and date of the exam.

NOTE: Students that arrive late for any exam will only have the time remaining before the exam is officially concluded to complete it.

X. Grading Criteria

Your final grade is determined by your performance on a number of different tasks:

Percentage	Final Grade
93.0 and above	A
90.0-92.9	A-
87.0-89.9	B+
83.0-86.9	B
80.0-82.9	B-
77.0-79.9	C+
73.0-76.9	C
70.0-72.9	C-
67.0-69.9	D+
60.0-66.9	D
59.9 and below	F

XI. Course Policies

Department of Biological Sciences Statement on Academic Misconduct: Any impropriety (e.g., cheating/plagiarism) on examinations and/or any coursework or enabling any such impropriety may constitute grounds for failing the course. A form describing any academic misconduct will be sent to the Dean's office and kept in the offending student's permanent record. Further disciplinary action may occur at the level of the University according to the University catalog (http://www.nova.edu/undergraduatestudies/forms/2017-2018_undergraduate_catalog.pdf) - section on academic integrity.

Students are expected to arrive on time and prepared for class. All cell phones and electronics are to be turned off and stored. **DO NOT TEXT IN CLASS!** Attendance will be taken each class. A student must attend the entire class in order to receive full credit for any work due or completed in class that day! You may only use laptops for note-taking. It is the student's responsibility to acquire any missed material or announcements from a fellow student since there are no make-up sessions. All assignments, quizzes, and exams must be done in their assigned time frame **There will be no make-ups allowed or late work accepted**, with the exception of bona-fide documented excuses that specify that the student was physically or mentally unable to be in class on a specific date(s) and it must also specify the specific date when the student is able to return to campus. The procedure to turn in work late or make-up a missed assignment requires the student to contact me as *soon* as possible to make arrangements. The student is expected to turn in any assignment or to take a make-up as soon as they return to campus or receive zero

points. Make up exams that are allowed will cover the same material but may be in a different format. Do NOT wait until the next class session you attend to request any make up or to turn in late assignments. Work conflicts, late registration, family events and transportation difficulties are not eligible for make ups. Student athletes must provide their anticipated conflict dates and also have their coach verify any NSU athletic events that conflict with the class schedule in order to arrange for any makeups.

XII. University Policies

Students should visit <http://www.nova.edu/academic-affairs/nsu-syllabus-policy.html> to access additional required college-wide policies. It is your responsibility to access and carefully read these policies to ensure you are fully informed. As a student in this class, you are obligated to follow these college-wide policies in addition to the policies established by your instructor.

The following policies are described on this website:

- Academic misconduct
- Last day to withdraw
- Email policy
- Student course evaluations
- Student responsibility to register
- Student responsibility for course prerequisites

Academic Resources

Nova Southeastern University offers a variety of resources that may aid in student success. Among these resources are:

Accommodations for students with documented disabilities: For more information about ADA policy, services, and procedures, students may call the Office of Student Disability Services at 954-262-7189 or visit <http://www.nova.edu/disabilityservices>.

Tutoring and testing center:

Students are encouraged to use the free, individualized tutoring services offered by the Tutoring and Testing Center (TTC). TTC provides a supportive atmosphere in which tutors and students work collaboratively on improving students' writing, math and/or science skills. <http://www.nova.edu/tutoring-testing/index.html>