

BIOL 1301 Medical Terminology (Web-delivered) 3 credits
Fall 2021 Syllabus Sul Ross State University

Lecture: Online via Blackboard
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Instructor: Ms. Anne Marie Hilscher
Email: ahilscher@sulross.edu
Office hours: MWF 10-11:30; M 1:00-3:00;
T 10:50-11:30 & 1:00-3:00;
R 10:50-11:30 & 1-3; by appt.

REQUIRED TEXT:

Medical Language for Modern Health Care, 4th by Allan, David & Lockyer, Karen (2019). McGraw Hill Publishing. Can be purchased used at a reasonable price online. *If you find a different edition, please check with me first.*

Course Description:

Medical Terminology is a course to teach an understanding of the specialized language of medicine designed for future health care professionals. Topics to be covered will include the Latin and Greek origins of modern medical terms, acquisition of a vocabulary of root words and standard prefixes and suffixes, and development of an understanding of the traditional system of descriptive terms and eponyms. Students will learn to translate medical jargon to plain English and to convert standard speech to appropriate medical vocabulary. This course studies terminology used in all areas and levels of the health care professions.

This is an online course. Each student is required to have a functioning computer for the entirety of the semester. Having computer problems does not exempt students from completing work by the due date. If your system goes down, find another computer to submit your quizzes/exams before the due date. It is strongly suggested that they be submitted early to avoid any technical difficulties.

Upon successful completion of the course the student will be able to:

1. Demonstrate understanding of word roots, prefixes, and suffixes by constructing and defining medical terminology for application in critical thinking and problem solving in health care careers.
2. Define the terms used in the major anatomical structures and functions of the human body.
3. Correctly spell and pronounce the terminology learned in the course.
4. Define the terms related to the diagnosis, pathology, and treatment of disorders of the body systems.
5. Demonstrate effective teamwork and interpersonal relationships while gaining mastery in medical terminology.
6. Communicate medical terminology clearly to improve the culture of safety in patient care.

BLACKBOARD: I use Blackboard for course announcements/communication, and grade postings. Therefore, you should log onto Blackboard **frequently** for the latest announcements and updates.

GRADING:

Student Introduction	20 (due Mon, Aug 30 by 11:59 PM)
Module Assignments (13 @ 20 pts each)	260 (due dates vary)
Midterm Exam (1 @ 100 pts)	100 (due Oct 15 by 11:59 PM)
<u>Final Exam (1 @ 100 pts) <i>not comprehensive</i></u>	<u>100 (due Dec 07 by 11:59 PM)</u>
TOTAL POINTS	480

ASSIGNMENTS/EXAMS: Due dates are listed in the syllabus, as well on Blackboard; the ASSIGNMENTS and the EXAMS must be submitted by 11:59pm on their respective due dates. Please plan ahead to avoid missing the deadlines.

EMAIL: When sending e-mail to me, use your SRSU e-mail account, sign your email, and type "BIOL 1301" in the subject line.

COURSE SCHEDULE

Module	Week / Dates	Topic	Homework	Due Date
1	1 Aug 23-27	Ch 1 Anatomy of Medical Terms Ch 2 Word Analysis & Communication	A#1 Ch 1-2	Sept 03
	2 Aug 30-Sep 03	Ch 3 The Body as a Whole Ch 4 The Integumentary System Student Intro due 8/30	A#2 Ch 3-4	Sept 03
2	3 Sep 06-10	Ch 5 Digestive System	A#3 Ch 5	Sept 17
	4 Sept 13-17	Ch 6 Urinary System	A#4 Ch 6	Sept 17
3	5 Sep 20-24	Ch 7 Male Repro. System; Ch 8 Female Repro. System	A#5 Ch 7-8	Oct 01
	6 Sep 27-Oct 01	Ch 9 Nervous System	A#6 Ch 9	Oct 01
4	7 Oct 04-08	Ch 10 Cardiovascular System; Ch 11 Blood	A#7 Ch 10-11	Oct 15
	8 Oct 11-15	MIDTERM EXAM (opens October 11)		Also due Oct 15
5	9 Oct 18-22	Ch 12 Lymphatic & Immune Systems	A#8 Ch 12	Oct 29
	10 Oct 25-Oct 29	Ch 13 Respiratory System	A#9 Ch 13	Oct 29
6	11 Nov 01-05	Ch 14 Skeletal System	A#10 Ch 14	Nov 12
	12 Nov 08-12	Ch 15 Muscles & Tendons	A#11 Ch 15	Nov 12
7	13 Nov 15-19	Ch 16 Special Senses of Eyes & Ears	A#12 Ch 16	Nov 26
	14 Nov 22-26	Ch 17 Endocrine System (Note: No classes Nov 24-26 for Thanksgiving Break)	A#13 Ch 17	Nov 26
	15 Nov 29-Dec 01	Wrap-Up and Review for Final		
FINAL EXAM (opens Friday, December 03 at 7:00 AM; closes Tuesday, December 07 at 11:59 PM)				

Distance Education Statement: Students enrolled in distance education courses have equal access to the university's academic support services, library resources, and instructional technology support. For more information about accessing these resources, visit the SRSU website. Students should submit online assignments through Blackboard, which require secure login information to verify students' identities and to protect students' information. Students enrolled in distance education courses at Sul Ross are expected to adhere to all policies pertaining to academic honesty and appropriate student conduct, as described in the student handbook.

STUDENT LEARNING OUTCOMES (SLOs)

The graduating biology student graduating with a BS in Biology should be able to:

- 1) The student will be able to demonstrate an understanding of basic biological concepts, including but not limited to evolution via natural selection, cell theory, and the role and function of DNA.
- 2) The student will be able to demonstrate utilization of various field techniques toward addressing scientific questions in the specific discipline. These field techniques can include, but are not limited to, plant collection and processing, various animal collection techniques, ecological surveying and sampling, and biodiversity indexing.
- 3) The student will be able to use biological instrumentation to solve biological problems using standard observational strategies.
- 4) The student will develop writing skills by summarizing and critiquing recent relevant biological literature.

CORE OBJECTIVES:

- 1) Communication Skills – Students will effectively communicate the results of scientific investigations, using oral, written, and visual communication, either in group discussions or on written exams.
- 2) Critical Thinking Skills – Students will include creative thinking, innovation, inquiry, and analysis required to relate new information with previous information in a way that demonstrates the diversity and similarity due to evolutionary ancestry.
- 3) Empirical and Quantitative Skills – Students will use basic math skills to solve problems (e.g., related to genetic outcomes, cellular energy production, and probability) resulting in informed conclusions.
- 4) Teamwork Skills – Students will work effectively with others to support a shared goal during lab sessions on activities, such as dissections, problem solving, and other experimental procedures.

MARKETABLE SKILLS: A student getting a degree in the biological sciences would be expected to acquire the following marketable skills by graduation.

- 1) Students will be able to organize, analyze, and interpret data.
- 2) Students will be proficient at using presentation software.
- 3) Students will acquire experience in managing time and meeting deadlines.
- 4) Students will gain the ability to speak effectively and write concisely about scientific topics.
- 5) Students will acquire experience and guidance in the development of professional email correspondence.

ADA Statement: Sul Ross State University is committed to equal access in compliance with the Americans with Disabilities Act of 1973. Students with qualifying disabilities who seek accommodations must initiate a request for a meeting for accessibility services. Students seeking accessibility services must contact Rebecca Greathouse Wren, M.Ed., LPC-S, Counseling & Accessibility Services, Telephone: 432-837-8203, or email: rebecca.wren@sulross.edu. For more information see: <https://www.sulross.edu/page/1384/accessibility-services>

SRSU Library Services. The Sul Ross Library offers FREE resources and services to the entire SRSU community. Access and borrow books, articles, and more by visiting the library's website, library.sulross.edu. Off-campus access requires your LoboID and password. Check out materials using your photo ID. Librarians are a tremendous resource for your coursework and can be reached in person, by email (srsulibrary@sulross.edu), or phone (432-837-8123).

COVID-19 Response: Hand sanitizer stations are placed at all building entrances and students are encouraged to use them in addition to handwashing. Given the high level of contagion of this coronavirus and the implications of its disease COVID-19, it's highly recommended you wear a mask and socially distance in public spaces.