

Medical Terminology

BIOL280

Spring 2023

Bethany Lutheran College

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Textbooks/Online Access

Medical Terminology Systems: A Body Systems Approach (8th edition) by Barbara Gyls and Mary Ellen Wedding

- hard copy, e-book, and Medical Language Lab ISBN: 978-0-8036-5867-7
- e-book and Medical Language Lab ISBN: 978-0-8036-6112-7
- If you purchase a hard copy of the you book, you need to order a new copy so you have an access code to Medical Language Lab 2.0
- A 20% discount is available if you purchase directly through FA Davis.
 - o Code: TYXL5A7Z

Medical Language Lab Class ID: CD47024C8E

Catalog Description

A self-guided study of the prefixes, suffixes, and roots involved in the language of medicine used by healthcare professionals. The course will include real-world examples and case study applications in addition to interest-specific research to aid in application of the terminology in health care settings. This is a 3 credit course, expected time/week is 3-5 hours.

Student Learning Objectives/Outcomes

Objective 2: To improve critical thinking skills by deciphering the context of the medical terminology and applying it to the situation at hand.

Objective 5 & 9: To fully prepare students who are interested in pursuing careers in health care to read, utilize, and understand medical definitions.

Objective 6: To apply knowledge of the Latin roots used in combination to form medical terms.

Online Procedures and Course Expectations

Each week, course content will be available from 12:01 a.m. CT Monday and all assignments for that week will need to be submitted by 11:59 p.m. CT the following Sunday. The next week's content will open on Mondays at 12:01 am.

There will be initial discussion board postings due each week by **Thursday at 11:59 pm** involving the content you are studying that week. You must also respond to 2 other discussion

board posts to receive full points for that part of the assignment. Your responses will be due by **11:59 on Sundays**. See the student grading section for specifics on the DB posts and responses as well as the course schedule for due dates. The course schedule has specifications on what is due each week, when it is due, and where to find the information/assignment.

You are expected to check your BLC email and the announcements section on Moodle to stay on top of the reminders and expectations for the course. This is especially important if you are a high school student who doesn't regularly check your BLC email. You should be checking this at least 1-2x/week. This will be the easiest way for me to communicate with you regarding your assignments.

The Midterm and Final exams are proctored exams – taken in the BLC ARC or under the supervision of a proctor in your high school or via a zoom meeting. Specific information about the midterm and final will be given as it gets closer to those dates. Options for testing may vary due to the learning model utilized at the time of the exams. Due to needing to accommodate proctoring times, the exams will be available Monday-Friday of each test week. This means the deadlines will be earlier than the Sunday at 11:59 pm. See the schedule for specific information.

Student Grading and expectations

Each chapter will have a specific discussion board post, which will be worth 2 points. You will also need to respond to 2 posts of your classmates (1 point for each response). Your initial post should be at least **150 words**, with your response to your classmates being at least **75 words**. In your response to your classmates, be sure to include what you learned from reading their topic. A reply similar to “Sally, that was a great post, thank you for sharing that information with me.” Will not receive any points. You will also need to complete the activities (in MLL) for each chapter, including the sections, “read, watch, critical listening, response, generation, and practice.” **There will be no options for extra credit points and late assignments are not accepted. Be sure to check the schedule at the end of the syllabus for the specific due dates each week.** The pretest that will be completed at the beginning of the semester is ungraded, but still needs to be completed. Be sure to look at the information regarding the class projects early in the semester. There are due dates for topics due earlier than the actual assignment is due. If you do not submit your topics on time, you will miss out on points for the semester.

Content	Total points
DB posts/responses	60
MLL	320
Weekly assignments	160
2 projects	60
Midterm & Final	120
Course Total	720

A	93-100%	C	73-76.99%
A-	90-92.99%	C-	70-72.99%
B+	87-89.99%	D+	67-69.99%
B	83-86.99%	D	63-66.99%
B-	80-82.99%	D-	60-62.99%
C+	77-77.99%	F	0-59.99%

LATE ASSIGNMENTS WILL RECEIVE 0 POINTS. You are expected to follow the schedule given for the class. In order to be successful in this class, you will need to be self-sufficient and independent in your studying and submission of the materials. There will not be reminders of due dates and deadlines, you are expected to be responsible adults who can submit assignments by the deadlines that have been laid out in the schedule.

Office Hours

Since this is an online course, all questions will be addressed via email or discussion board. All emails will be responded to within 24 hours.

Late Assignments

Late Assignments will not be accepted. The weekly course content will be due at 11:59 p.m. CST on the specified dates. The entire semester's course content can be found on the class schedule. If content is not submitted, the student will receive a 0 for that specific assignment (or assignments). **No make ups or extra credit options will be available.**

Biology Major Program Goal

To provide a solid framework of biological knowledge from molecular, cellular, organismal, and ecological content areas that will enable graduates to pursue additional study of biology or a vocation in the biological sciences or related fields.

Learning Outcomes of the Biology Major

Outcome 1: Exhibit knowledge of the basic structures, fundamental processes and relationships of life at the molecular, cellular, and organismal levels.

Outcome 2: Demonstrate proficiency in the language and terminology of biology and effectively communicate biological knowledge, and ideas.

Outcome 3: Find and evaluate various types of scientific information such as quantitative data, qualitative data, and that found within research journals, mass media, and the world-wide web.

Outcome 4: Demonstrate proficiency of basic lab techniques and use of scientific instrumentation.

Exercise Science Learning Objectives

Objective 1: Demonstrate competency in health and fitness testing, and measurements of individuals.

Objective 2: Appropriately assess, design and implement fitness programs for all individuals.

Objective 4: Interpret appropriate research and apply it to the practice of exercise science.

Nursing Learning Objectives

Objective 1: Synthesize knowledge and evidence from the liberal arts and sciences to facilitate critical thinking and clinical decision making in professional nursing practice.

Objective 5: Participate in and use research to inform nursing care practices and make clinical judgments.

Objective 6: Utilize a critically reflective thinking process to evaluate evidence-based nursing decisions in the design, implementation, and evaluation of plans for enhancing health of individuals, families, communities, and populations.

Objective 7: Utilize technology and informatics across the continuum of care to enhance outcomes for individuals, families, communities, and populations.

Objective 10: Evaluate effectiveness of verbal and written communication in the achievement of health care outcomes for individuals, families, communities, and populations.

Objective 17: Provide appropriate patient teaching that reflects developmental stage, age, culture and patient preferences to foster patient engagement in health care.

Academic Integrity Policy

The Academic Honor Code of Bethany Lutheran College is as follows:

Based upon truths that human beings are gifted with reason and other intellectual abilities above all creatures, and that the moral law of God applies equally to all people, Bethany Lutheran College encourages personal academic integrity and respect for the intellectual work and influence of others.

Therefore, members of the Bethany Lutheran College community are committed to academic honesty. They will not intentionally violate the requirements of an assignment nor intentionally fail to credit sources. They will complete all assignments and examinations according to the requirements set forth by the professors and submit work that is theirs alone.

Students who fail to exercise academic integrity as they complete an assignment will be given a 0% grade for the assignment, will be required to meet with the professor to discuss steps that will be taken to ensure integrity moving forwards, and the violation will be reported to the Vice President of Academic Affairs. A second Academic Integrity violation will result in a failing grade in the course.

Policy for Assisting Students with disabilities

Bethany Lutheran College is committed to providing access and reasonable accommodations for students with disabilities. Reasonable accommodations are determined after consultation with the student and a thorough review of the student's documentation. Students must provide the coordinator of the Academic Resource Center (ARC) with appropriate disability documentation. The ARC coordinator will review the documentation and determine if the student qualifies for an Academic Resource Plan (ARP). It is the responsibility of the student to share the ARP with instructors so appropriate accommodations can be implemented in a timely manner. For more information, please visit the BLC Disability Services web page.

Netiquette Policy

Students at Bethany Lutheran College are expected to demonstrate professionalism, respect, and politeness in all of their electronic communications (audio, video, and in writing) in online courses.

- Professionalism: Online communication should consist of quality academic speaking and writing submitted on time.
- Respect: Online communications should observe boundaries, recognizing that

different students are going to have different valid viewpoints. Disagreements will happen, but should be handled with sensitivity, a focus on evidence and reasoning, and critical thinking.

□ Politeness: Students should aim to make online communication pleasant for everyone involved, taking care to communicate with an informative (not confrontational) tone and to interpret the tone and messages of others in a positive way.

The instructor reserves the right to modify, amend this syllabus at any time, including the course calendar, assignments, and grade weights.

Course Schedule/Outline

Week	Chapters	Assignments
Week 1 1/9 – 1/15	1 – Basics Elements	<ul style="list-style-type: none"> • Pretest due 1/12 (MLL) • Syllabus quiz due 1/12 (Moodle) • Discussion Board (DB) due 1/12 (Moodle) • No Discussion Board Response due this week • Chp 1 Medical Language Lab (MLL) exercises due 1/15 • Chp 1 assignment (Moodle) due 1/15
Week 2 1/16 – 1/22	2 – Suffixes	<ul style="list-style-type: none"> • DB chp 2 due 1/19 (Moodle) • DBR chp 2 due 1/22 (Moodle) • Chp 2 (MLL) exercises due 1/22 • Chp 2 assignment (Moodle) due 1/22
Week 3 1/23 – 1/29	3 - Prefixes 4 – Body Structure	<ul style="list-style-type: none"> • DB chp 3 due 1/26 (Moodle) • DB chp 4 due 1/26 (Moodle) • DBR chp 3 due 1/29 (Moodle) • DBR chp 4 due 1/29 (Moodle) • Chp 3 (MLL) exercises due 1/29 • Chp 3 (MLL) exercises due 1/29 • Chp 3 assignment (Moodle) due 1/29 • Chp 4 assignment (Moodle) due 1/29
Week 4 1/30 – 2/5	5 - Integumentary 6 - Digestive	<ul style="list-style-type: none"> • DB chp 5 due 2/2 (Moodle) • DB chp 6 due 2/2 (Moodle) • DBR chp 5 due 2/5 (Moodle) • DBR chp 6 due 2/5 (Moodle) • Chp 5 (MLL) exercise due 2/5 • Chp 6 (MLL) exercises due 2/5 • Chp 5 assignment (Moodle) 2/5 • Chp 6 assignment (Moodle) due 2/5 • Project 1 topic due by 11:59 on 2/5 (submitted via email)

Week 5 2/6 – 2/12	7 - Respiratory	<ul style="list-style-type: none"> • DB chp 7 due 2/9 (Moodle) • DBR chp 7 due 2/12 (Moodle) • Chp 7 (MLL) exercises due 2/12 • Chpt 7 assignment (Moodle) due 2/12
Week 6 2/13 – 2/19	8 - Cardiovascular	<ul style="list-style-type: none"> • DB chp 8 due 2/16 (Moodle) • DBR chp 8 due 2/19 (Moodle) • Chp 8 (MLL) exercises due 2/19 • Chp 8 assignment (Moodle) due 2/19
Week 7 2/20 – 2/26	9 – Blood, Lymph, and Immune	<ul style="list-style-type: none"> • DB chp 9 due 2/23 (Moodle) • DBR chp 9 due 2/26 (Moodle) • Chp 9 (MLL) exercises due 2/26 • Chp 9 assignment due 2/26
Week 8 2/27 – 3/5		<ul style="list-style-type: none"> • Midterm (due 3/3 for BLC students and dual credit, must be proctored in ARC or with a teacher at your high school) (Moodle - 40 points matching, short answer, multiple choice) • Project #1 due 3/5
Week 9 3/6 – 3/12		<ul style="list-style-type: none"> • No Work Due, BLC Spring Break
Week 10 3/13 – 3/19	10 - Musculoskeletal	<ul style="list-style-type: none"> • DB chp 10 due 3/16 (Moodle) • DBR chp 10 due 3/19 (Moodle) • Chp 10 (MLL) exercises due 3/19 • Chp 10 assignment (Moodle) due 3/19 • Project 2 topic/individual due 3/19 (submitted via email)
Week 11 3/20 – 3/26	11 - Urinary	<ul style="list-style-type: none"> • DB chp 11 due 3/23 (Moodle) • DBR chp 11 due 3/26 (Moodle) • Chp 11 (MLL) exercises due 3/26 • Chp 11 assignment (Moodle) due 3/26
Week 12 3/27 – 4/2	12 – Female Reproductive 13 – Male Reproductive	<ul style="list-style-type: none"> • DB chp 12 due 3/30 (Moodle) • DB chp 13 due 3/30 (Moodle) • DBR chp 12 due 4/2 (Moodle) • DBR chp 13 due 4/2 (Moodle) • Chp 12 (MLL) exercises due 4/2 • Chp 13 (MLL) exercises due 4/2 • Chp 12 assignment (Moodle) due 4/2 • Chp 13 assignment (Moodle) due 4/2
Week 13 4/3 – 4/6**		<ul style="list-style-type: none"> • Project #2 due 4/6 (WEDNESDAY)
Week 14 4/10 – 4/16	14 - Endocrine	<ul style="list-style-type: none"> • DB chp 14 due 4/13 (Moodle) • DBR chp 14 due 4/16 (Moodle) • Chp 14 (MLL) exercises due 4/16 • Chp 14 assignment (Moodle) due 4/16

Week 15 4/17 – 4/23	15 – Nervous	<ul style="list-style-type: none"> • DB chp 15 due 4/20 (Moodle) • DBR chp 15 due 4/23 (Moodle) • Chp 15 (MLL) exercises due 4/23 • Chp 15 assignment (Moodle) due 4/23
Week 16 4/24 – 4/30	16 – Special senses	<ul style="list-style-type: none"> • DB chp 16 due 4/27 (Moodle) • DBR chp 16 due 4/30 (Moodle) • Chp 16 (MLL) exercises due 4/30 • Chp 16 assignment (Moodle) due 4/30
Week 17 5/1 – 5/7	Final Exam	<ul style="list-style-type: none"> • Final Exam (Moodle) – Due 5/7 for BLC students at 11:59 pm, 5/5 for dual credit students (80 points cumulative, matching, short answer, multiple choice)

*** All assignments are due at 11:59 pm CST of the listed date ***