**Medical Terminology**

BIOL280

Spring 2020

Bethany Lutheran College

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**Textbooks/Online Access:**

*Medical Terminology Systems: A Body Systems Approach (8th edition)* by Barbara Gylys 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 (I will send out information to receive a discount through the publishing company)

**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.

**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 pursing 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:**

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

**THESE TIMES WILL BE SET IN EASTERN TIME!**

There will be discussion board postings due each week by 11:59 involving the content you studied from the previous week. You must also respond to 2 other discussion board posts to receive full points for that part of the assignment. See the student grading section for specifics on the DB posts and responses as well as the course schedule for due dates.

**Student Grading:**

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 100 words. In your response to your classmates, be sure to include what you learned from reading their topic. You will also need to complete the activities for each chapter, including the sections, “read, watch, critical listening, response, generation, and practice.” If you complete all of the activities in each chapter, you will receive 16 points for the chapter. That plus the 4 points for the discussion board equal 20 points/chapter, for 320 points for the work done in medical language lab. The midterm test will be worth 40 points. There will be a final exam during the last week of the semester; this will be worth 80 points. There are 12 weekly assignments, each totaling 10 points. There are 2 projects during the course of the semester, each totaling 30 points. There will be 620 total points for the class. There will be no options for extra credit points. The pretest that will be completed at the beginning of the semester is ungraded, but still needs to be completed.

**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. EST on the specified dates. 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.

**Course Schedule/Outline**

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| --- | --- | --- |
| **Week** | **Chapters** | **Assignments** |
| Week 1  1/6 – 1/12 | 1 | * Pretest due 1/9 (MLL) * Syllabus quiz due 1/9 (Moodle) * Discussion Board (DB) due 1/9 (Moodle) * Discussion Board Response (DBR) due 1/12 (Moodle) * Chp 1 Medical Language Lab (MLL) exercises due 1/12 * Week 1 assignment (Moodle) due 1/12 |
| Week 2  1/13 – 1/19 | 2, 3 | * DB chps 2 & 3 due 1/16 (Moodle) * DBR chps 2 & 3 due 1/19 (Moodle) * Chps 2 & 3 (MLL) exercises due 1/19 * Week 2 assignment (Moodle) due 1/19 |
| Week 3  1/20 – 1/26 | 4, 5 | * DB chps 4 & 5 due 1/23 (Moodle) * DBR chps 4 & 5 due 1/26 (Moodle) * Chps 4 & 5 (MLL) exercises due 1/26 * Week 3 assignment (Moodle) due 1/26 |
| Week 4  1/27 – 2/2 | 6 | * DB chp 6 due 1/30 (Moodle) * DBR chp 6 due 2/2 (Moodle) * Chp 6 (MLL) exercises due 2/2 * Week 4 assignment (Moodle) due 2/2 |
| Week 5  2/3 – 2/9 | 7 | * DB chp 7 due 2/6 (Moodle) * DBR chp 7 due 2/9 (Moodle) * Chp 7 (MLL) exercises due 2/6 * Week 5 assignment (Moodle) due 2/9 |
| Week 6  2/10 – 2/16 | 8 | * DB chp 8 due 2/13 (Moodle) * DBR chp 8 due 2/16 (Moodle) * Chp 8 (MLL) exercises due 2/16 * Week 6 assignment (Moodle) due 2/16 |
| Week 7  2/17 – 2/23 | 9 | * DB chp 9 due 2/20 (Moodle) * DBR chp 9 due 2/23 (Moodle) * Chp 9 (MLL) exercises due 2/23 * Week 7 assignment due 2/23 |
| Week 8  2/24 – 3/1 | 10 | * DB chp 10 due 2/27 (Moodle) * DBR chp 10 due 3/1 (Moodle) * Chp 10 (MLL) exercises due 3/1 * Week 8 assignment (Moodle) due 3/1 |
| Week 9  3/2 – 3/8 | Midterm due 3/8 (Moodle)  Project #1 due 3/8 | |
| Week 10  3/9 – 3/15 | Spring Break | |
| Week 11  3/16 – 3/22 | 11 | * DB chp 11 due 3/19 (Moodle) * DBR chp 11 due 3/22 (Moodle) * Chp 11 (MLL) exercises due 3/22 * Week 11 assignment (Moodle) due 3/22 |
| Week 12  3/23 – 3/29 | 12, 13 | * DB chps 12 & 13 due 3/26 (Moodle) * DBR chps 12 & 13 due 3/29 (Moodle) * Chps 12 & 13 (MLL) exercises due 3/29 * Week 12 assignment (Moodle) due 3/29 |
| Week 13  3/30 – 4/5 | 14 | * DB chp 14 due 4/2 (Moodle) * DBR chp 14 due 4/5 (Moodle) * Chp 14 (MLL) exercises due 4/5 * Week 13 assignment (Moodle) due 4/5 |
| Week 14  4/6 – 4/12 | Easter Break | |
| Week 15  4/13 – 4/19 | 15 | * DB chp 15 due 4/16 (Moodle) * DBR chp 15 due 4/19 (Moodle) * Chp 15 (MLL) exercises due 4/19 * Week 14 assignment (Moodle) due 4/19 |
| Week 16  4/20 – 4/26 | 16 | * DB chp 16 due 4/23 (Moodle) * DBR chp 16 due 4/26 (Moodle) * Chps 16 (MLL) exercises due 4/26 * Project #2 due 4/26 |
| Week 17  4/27 – 5/3 | Final Exam (Moodle) – Due 5/3 at 11:59 pm (cumulative) | |

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