Instructor: Dr. Nicole Reaves  
Class Time: 1:00pm-1:50pm MW

Office Phone: 919-546-8337  
Credits: 2 semesters

Office Location: Old EDU 03

Office Hours: Monday and Wednesday 10:00-12:00 and 2:00-3:00  
Tuesday and Thursday 10:30-2:30  
Friday: by appointment

Student Classroom Decorum Expectations

To enhance the learning atmosphere of the classroom, students are expected to dress and behave in a fashion conducive to learning in the classroom. More specifically, students will refrain from disruptive classroom behavior (i.e., talking to classmates, disrespectful responses to teacher instructions; swearing; wearing clothes that impede academic learning such as but not limited to, wearing body-revealing clothing and excessively baggy pants; hats/caps, and/or headdress. Students will turn off telephones prior to entering the classroom. Students who exhibit the behaviors described above, or similar behaviors will be immediately dismissed from class at the third documented offense. The student will be readmitted to class only following a decision by the department chair. The student may appeal the decision of the department chair to the Dean of the College offering the course, and, subsequently, to the Office of the Vice President for Academic Affairs, and then to the President of Shaw University. The decision of the President will be final. Failure to follow the procedures herein outlined will result in termination of the appeal, and revert to the decision of the department chair.

Each behavior construed by the teacher/professor as noncontributive to learning will be recorded, properly documented, and appropriately reported to the student and to the chair of the academic department offering the course. The report will be in written form with a copy provided to both the student and the department chair. The faculty member should retain a copy for his/her own records.

Additional student behavior codes may be found in Student Affairs.

Course Description: This course is designed to provide the perspective practitioner of Adapted Physical Education, Kinesiotherapy, and Allied Health Science with basic medical and psychiatric vocabulary for the purpose of communicating skillfully with peers in the respective field.
In keeping with the philosophy of Shaw University, ethical considerations are infused throughout the course.

Required Text:  

General Objective: To help professional students develop the ability to read and understand the language of medicine. The primary focus of the course is to promote a knowledge of the elements of medical terms and understanding of standard abbreviations, the ability to spell medical terms, and an appreciation of the logical method found in medical terminology.

Behavioral Objectives: Upon completion of this course, the student should be able to:

- Through oral and written means, cite rules that govern the pronunciation of medical terms.
- Demonstrate orally and in writing the four basic parts of a medical term.
- Analyze special root words.
- Write to express orally the basic medical abbreviations.
- Write and cite orally medical terminology related to specific body systems.
- Consider the ethical implications in a medical setting.

Course Outline:

- Week 1 Introduction to Medical Terminology. Overview of Medical terminology, vocabulary related to medical terminology, word parts, word roots, suffixes, prefixes, determining meanings based on word parts, medical dictionary use, pronunciation, spelling is always important, using abbreviations, singular, plural endings, basic medical terms, look-alike, sound-alike terms and word parts.

- Week 2 The Human Body in Health and Disease. Overview of the human body in health and disease, vocabulary related to the human body in health and disease, anatomic reference systems, major body cavities, cytology, congenital disorders, histology, glands, organs and body systems, pathology.

- Week 3 The Skeletal System. Overview of structures, word parts, and functions of the skeletal system, vocabulary related to the skeletal system, functions of the skeletal system, structures of the skeletal system, structure of the bones, joints, the skeleton, medical specialties related to the skeletal
system, pathology of the skeletal system, diagnostic procedures of the skeletal system, treatment procedure of the skeletal system, joint replacement, spinal column, treatment of fractures.

➢ Week 4 The Muscular System. Overview of structures, word parts, and function of the muscular system, vocabulary related to the muscular system, functions of the muscular system, structures of the muscular system, types of muscle tissue, characteristics of muscles, range of motion, how muscles are named, medical specialties related to the muscular system, pathology of the muscular system, diagnostic procedures of the muscular system.

➢ Week 5 The Cardiovascular System. Overview of structures, word parts, and functions of the cardiovascular system, vocabulary related cardiovascular system, functions of the cardiovascular system, structures of the cardiovascular system, the heart, the blood vessels, the blood, medical specialties related to the cardiovascular system, pathology of the cardiovascular system, diagnostic procedures of the cardiovascular.

➢ Week 6 The Respiratory System. Overview of structures, word parts, and functions of the respiratory system, vocabulary related respiratory system, functions of the respiratory system, structures of the respiratory system, medical specialties related to the respiratory system, pathology of the respiratory system, diagnostic procedures of the respiratory system, treatment of the respiratory system.

➢ Week 7 The Digestive System. Overview of structures, word parts, and functions of the digestive system, vocabulary related to the digestive system, functions of the digestive system, structure of the digestive system, medical specialties related to the digestive system, pathology of the digestive system, diagnostic procedures of the digestive system, treatment procedures of the digestive system.

➢ Week 8 The Urinary System. Overview of structures, word parts, and functions of the urinary system, vocabulary related to the urinary system, functions of the urinary system, structures of the urinary system, the excretion and urine, medical specialties related to the urinary system, pathology of the urinary system, diagnostic procedures of the urinary system, treatment procedures of the urinary system.

➢ Week 9 The Lymphatic System. Overview of structures, word parts, and functions of the lymphatic system and immune system, vocabulary related to the lymphatic and immune system, medical specialties related to the lymphatic and immune system, functions and structures of the lymphatic system, pathology and diagnostic procedures of the lymphatic structures, treatment procedures of the immune system, pathogenic organisms, oncology.
Week 10 **The Nervous System.** Overview of structures, word parts, and functions of the nervous system, vocabulary related to the nervous system, functions of the nervous system, structures of the nervous system, the central nervous system, the peripheral nervous system, the autonomic nervous system, medical specialties related to the nervous system, mental health, diagnostic procedures of the nervous system, treatment procedures of the nervous system.

Week 11 **The Special Senses: The Eyes and Ears.** Overview of structures, word parts, and functions of the eyes and ears, vocabulary related to the special senses, medical specialties related to the eyes and ears, functions of the eyes and ears, structures of the eyes, pathology of the eyes, treatment procedures of the eyes, structures of the ears, pathology of the ears, diagnostic procedures of the ears.

Week 12 **The Integumentary System.** Overview of structures, word parts, and functions of the integumentary system, vocabulary related to the skin, functions of the integumentary system, structures of the integumentary system, associated structures of the integumentary system, medical specialties related to the integumentary system, diagnostic procedures of the integumentary system, treatment procedures of the integumentary system.

Week 13 **The Endocrine System.** Overview of structures, word parts, and functions of the endocrine system, vocabulary related to the endocrine system, functions of the endocrine system, medical specialties related to the endocrine system, pathology of the endocrine system, diagnostic procedures related to the endocrine system, the pituitary gland, the thyroid gland, parathyroid gland, the adrenal gland, the pancreatic isles, the thymus, the pineal gland.

Week 14 **The Reproductive System.** Overview of structures, word parts and functions of the reproductive system, vocabulary related to the reproductive system, pathology of the male reproductive system, pathology of the male reproductive system, diagnostic procedures of the male reproductive system, treatment procedures of the male reproductive system, sexually transmitted diseases, structures of the female reproductive system, functions of the female reproductive system, medical specialties related to the female reproductive system.

Week 15 **Procedures and Pharmacology.** Overview of diagnostic procedures and pharmacology, vocabulary related to diagnostic procedures and pharmacology, basic examination procedures, basic examination positions, laboratory tests, endoscopy, centesis, imaging techniques, radiology, radiographic projections and positioning, computed tomography, magnetic resonance imaging, fluoroscopy, diagnostic ultrasound, nuclear medicine, radioimmunoassay, pharmacology.
➢ Week 16 **Comprehensive Medical Terminology Review.** Overview of comprehensive medical terminology review, vocabulary review list, study tips, review sessions.

**Course Evaluation:**

**Course Attendance:** 100 points (You are allowed two unexcused absences for this course. All absences over the allowed number will result in a **5 point deduction**.

**Weekly Quizzes:** 1,000 points

**Mid-term:** 100 points

**Case Study:** 100 points
(Each student is required to do library research to complete this assignment)

**Journal:** 100 points

**Final Examination:** 100 points

**Grading System:**
- 1600-1440------A
- 1439-1280------B
- 1279-1120------C
- 1119-960------D
- 960 and below----F