

George Mason University
College of Education and Human Development
School of Kinesiology
Athletic Training Education Program

ATEP 201 (DL1) – Medical and Scientific Terminology
3 credit hours, Fall 2024
NET Based Course

Faculty

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Prerequisites/Corequisites

None.

University Catalog Course Description

Foundations of scientific and medical vocabulary including prefixes, suffixes and stems used to form compound words.

Course Overview

This 100% on-line course covers foundational material that prepares undergraduate students for scientific and medical related course work as well as for advanced professional program admission and examinations such as the GRE, MCAT, PCAT & DAT. Instructional techniques include self-graded quizzes, small group and class activities, midterm and final examinations, and on-line modules.

Course Delivery Method

This course will be delivered 100% online using an asynchronous format via the Blackboard learning management system (LMS) housed in the MyMason portal. You will log in to the Blackboard course site using your Mason email name (everything before “@masonlive.gmu.edu) and email password. The course site will be available on August 26, 2024. This course is accelerated and **does not** run the entire semester. The last day of the course is October 13, 2024. **Under no circumstances may students participate in online class sessions while operating motor vehicles.**

Technical Requirements

To participate in this course, students will need to satisfy the following technical requirements:

- High-speed internet access with updated browsers.
 - Blackboard Learn supported browsers:
https://help.blackboard.com/Learn/Student/Ultra/Getting_Started/Browser_Support
 - Canvas supported browsers: <https://guides.instructure.com/a/720329>
- Consistent and reliable access to GMU email and the course LMS, as these are the official methods of communication for this course.

- Speakers and a microphone or a microphone-enabled headset for use with the synchronous web conferencing tools.
- Note that students may be asked to create logins and passwords on supplemental websites and/or to download trial software to their computer or tablet as part of course requirements.

Expectations

- Course Week: Because asynchronous courses do not have a “fixed” meeting day, our week will **start** on Sunday and **finish** on Saturday.
- Log-in Frequency:
Students must actively check the course Blackboard site and their GMU email for communications from the instructor, class discussions, and/or access to course materials at least **5 times** per week.
- Participation: Students are expected to actively engage in all course activities throughout the semester, which includes viewing all course materials, completing course activities and assignments, and participating in course discussions and group interactions.
- Technical Competence: Students are expected to demonstrate competence in the use of all course technology. Students who are struggling with technical components of the course are expected to seek assistance from the instructor and/or College or University technical services.
- Technical Issues: Students should anticipate some technical difficulties during the semester and should, therefore, budget their time accordingly. Late work will not be accepted based on individual technical issues. **Do not wait until Saturday or Sunday** to complete course work, there is no technical support on the weekend with reliable communication.
- STUDENT COMPUTER TECHNICAL SUPPORT
E-mail: Go to the E-Textbook Website and click “CONTACT US” on the bottom left of the Tool Bar or go to: support@cipcourses.com
Phone: Toll Free 1-866-280-2900 (M-F 8-6 PM EST)
- Workload: Please be aware that this course is **not** self-paced. Students are expected to meet *specific deadlines* and *due dates* listed in the **Class Schedule** section of this syllabus. It is the student’s responsibility to keep track of the weekly course schedule of topics, readings, activities and assignments due. Students are welcome to work ahead in the course, but deadlines and due dates are expected to be met.
- Instructor Support: Students may schedule a one-on-one meeting to discuss course requirements, content or other course-related issues. Those unable to come to a Mason campus can meet with the instructor via telephone or web conference. Students should email the instructor to schedule a one-on-one session, including their preferred meeting method and suggested dates/times.
- Netiquette: The course environment is a collaborative space. Experience shows that even an innocent remark typed in the online environment can be misconstrued. Students must always re-read their responses carefully before posting them, so as others do not consider

them as personal offenses. *Be positive in your approach with others and diplomatic in selecting your words.* Remember that you are not competing with classmates, but sharing information and learning from others. All faculty are similarly expected to be respectful in all communications.

Learner Outcomes:

This course is designed to enable students to do the following:

1. Define medical and scientific word prefixes, suffixes and stem words,
2. Explain the function of specific word parts,
3. Describe how medical and scientific compound terms are constructed,
4. Analyze compound medical and scientific medical terms,
5. Define compound medical and scientific medical terms,
6. Describe medical equipment, treatment, diseases, diagnostic tests, medical problems and disorders, and
7. Interpret meaning from medical and scientific terms.

Required Texts

-Course e-text book access will be purchased at <https://gmu.cipcourses.com/> for \$139.95.

Suggested Reading/References

-Taber's Cyclopedic Medical Dictionary, 21st edition. F.A. Davis Company. Purchase the hard back, mobile app, or web access at <http://www.tabers.com/tabersonline/>. Check GMU online resources.

-Fagerberg, S. (2015). Medical Terminology: A Textbook/workbook Supplement to the E-textbook, 4th Edition.

-Caduceus International.

- Students who want to save time and ink in printing their own copies can contact:

Target Copy, 1412 West University Avenue, Gainesville, Fla. 32603. E-mail

Address: service@target-copy.com (352)376-3826.

Or you can order the workbook on Amazon (Medical Terminology Author: Dr. Seigfred Fagerberg)

Note: The Optional Textbook/Workbook contains the following:

1. All lecture slides in chapters 1-4 (Basis of Medical Terminology)
2. All 1000 flash card Word Parts, Abbreviation and "Fill-In-The Blank" exercises chapter 5.
3. All 800 M/C chapter Tests and "Fill-In-The Blank" chapters 4 and 6-14.

Course Performance Evaluation

Students are expected to submit all assignments on time in the manner outlined by the instructor

• Chapter Tests/Flashcard Activities

This is a series of *practice* testing modules (chapter 4, 6-14) and flashcards (chapter 5) to practice the material covered in the chapters. 1000 Flashcards and 800 Multiple Choice Test Questions will be completed. *These are pass/fail assignments, as you must attempt and complete all required test and flashcard activities before the next mid-term or final examination can be accessed.*

• Mid-term Examinations

Exam must be completed by listed date. This examination covers all on-line modules, flashcards, and the practice tests as indicated on the course schedule. The summary sheet must show 100% of your

online work completed for the indicated chapters to activate the exams. The questions are True/False and Multiple Choice developed from your textbook, and online self-testing materials. Be sure to review your on-line materials before the exam. *It is expected that students will not use any type of assistance during the exam as it is closed note and closed reference.*

The exam can be taken any time after the previous chapters are completed in the interactive audio-visual E-Textbook and you feel prepared for the examinations. The exam is delivered via on-line format and the other sections of the website will be locked during the exam. These are timed examinations (100 questions in 90 minutes).

- **Final Examination**

This examination covers all on-line modules, flashcards, and the self-graded multiple choice questions from Chapters 8-15. Be sure to review your on-line materials before the exam.

The final exam can be completed in Chapter 16 at any time after you complete all work in the online interactive audio-visual E-Textbook and you feel prepared for the examination. This exam is delivered via on-line format and your E-textbook is locked for security. (100 questions at 90 minutes)

The summary sheet on the website must show 100% of your online work completed to activate the final exam in Chapter 16. *The instructor does not need a copy of your summary sheet. That is electronically sent upon completion of the final exam.*

- **Progress Summary**

You can continually assess your progress in the course activities, examinations, and presentations in the “Summary” section of “Course Materials.” This does not correspond with your grade for the course, it merely represents the percentage of the material that you have completed in the course.

- **Grading Policies**

This course will be graded on a percentage system:

Self-testing Activities	50%
Mid-term Examination	25%
Final Examination	25%
Total	100%

- **Grading Scale**

A = 94 – 100	B+ = 88 – 89	C+ = 78 – 79	D = 60 – 69
A- = 90 – 93	B = 84 – 87	C = 74 – 77	F = 0 – 59
	B- = 80 – 83	C- = 70 – 73	

LATE ASSIGNMENTS

All work is due at the indicated date and time (Eastern Standard Time). **NO LATE WORK WILL BE ACCEPTED!**

Professional Dispositions

Throughout study in the College of Education and Human Development, students are expected to demonstrate behaviors that reflect the positive dispositions of a professional. See <https://cehd.gmu.edu/current-students/cehd-student-guide>.

Use of Generative AI

Use of Generative AI tools should be used following the fundamental principles of Mason's Academic Standards. This includes being honest about the use of these tools for submitted work and including citations when using the work of others, whether individual people or Generative AI tools.

CEHD Commitments

The College of Education and Human Development is committed to fostering collaboration and community, promoting justice and equity, and advancing research-informed practice. Students are expected to adhere to, and contribute to, these commitments, the CEHD Mission, and Core Values of George Mason University. More information can be found here:

<https://cehd.gmu.edu/about/culture/>

GMU Policies and Resources for Students

Policies

- Students must adhere to Mason’s Academic Standards (see <https://catalog.gmu.edu/policies/academic-standards/>)
- Students must follow the university policy for Responsible Use of Computing (see <https://universitypolicy.gmu.edu/policies/responsible-use-of-computing/>).
- Students are responsible for the content of university communications sent to their Mason email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students **solely** through their Mason email account.
- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see <https://ds.gmu.edu/>).
- Students must silence all sound emitting devices during class unless otherwise authorized by the instructor.

Campus Resources

- Support for submission of assignments to VIA should be directed to viahelp@gmu.edu or <https://cehd.gmu.edu/aero/assessments>.
- Questions or concerns regarding use of your LMS should be directed to:
 - Blackboard Learn: <https://its.gmu.edu/knowledge-base/blackboard-instructional-technology-support-for-students/>
 - Canvas: <https://its.gmu.edu/service/canvas/>
- For information on student support resources on campus, see: <https://ctfe.gmu.edu/teaching/student-support-resources-on-campus>
 - TimelyCare: <https://caps.gmu.edu/timelycare-services/>
 - Writing Center: <https://writingcenter.gmu.edu/>

Notice of mandatory reporting of sexual assault, sexual harassment, interpersonal violence, and stalking:

As a faculty member, I am designated as a “Non-Confidential Employee,” and must report all disclosures of sexual assault, sexual harassment, interpersonal violence, and stalking to Mason’s Title IX Coordinator per [University Policy 1202](#). If you wish to speak with someone confidentially, please contact one of Mason’s confidential resources, such as [Student Support and Advocacy Center](#) (SSAC) at 703-380-1434 or [Counseling and Psychological Services](#) (CAPS) at 703-993-2380. You may also seek assistance or support measures from Mason’s Title IX Coordinator by calling 703-993-8730, or emailing titleix@gmu.edu.

Class Schedule

WEEK	DATES	TOPIC	CHAPTER ASSIGNMENT
1	8/26 to 9/1	Overview & Orientation; Basics of Medical Terminology	1 & 2

2	9/2 to 9/8	Body, Diagnosis, Equipment, Instruments, and Treatment Integrated Medicine <i>*Chapter Test (practice) at end of lecture*</i>	3 & 4
3	9/9 to 9/15	Self-testing Flashcards Musculoskeletal System <i>*Chapter Test (practice) at end of lecture*</i> Nervous System and Special Senses <i>*Chapter Test (practice) at end of lecture*</i>	5 & 6 & 7
4	9/15	MID-TERM EXAMINATION: You may take the mid-term exam at any point after all the online lectures and self-testing work for Chapters 1-7 are completed. The online course summary sheet must show 100% of your online work is completed to activate the mid-term exam. <i>Due by 11:59pm on Sunday, 9/15/2024</i>	
5	9/16 to 9/22	Circulatory (Cardio/vascular) System <i>*Chapter Test (practice) at end of lecture*</i> Respiratory System <i>*Chapter Test (practice) at end of lecture*</i>	8 & 9
6	9/23 to 9/29	Integumentary (Skin) System <i>*Chapter Test (practice) at end of lecture*</i> Digestive System <i>*Chapter Test (practice) at end of lecture*</i>	10 & 11
7	9/30 to 10/6	Urinary System Uro/genital System <i>*Chapter Test (practice) at end of lecture*</i> Reproductive Systems and Venereal Disease <i>*Chapter Test (practice) at end of lecture*</i>	12 & 13
8	10/7 to 10/13	Endocrine System <i>*Chapter Test (practice) at end of lecture*</i> Appendix and Bibliography	14 & 15
9	10/13	FINAL EXAMINATION: You can take the final at any point after all online lectures and self-testing work are completed for Chapters 1-15. The summary sheet must show 100% of your online work completed to activate the final exam in Chapter 16. Note: The instructor does not need a copy of your summary sheet. That is electronically sent upon completion of the final exam <i>*Due by 11:59pm on Sunday, 3/11/2024.</i>	

Note: Faculty reserves the right to alter the schedule as necessary, with notification to students.

Special Requirements

This course requires will utilize an on-line site portal at <https://gmu.cipcourses.com/> . All assignments, modules, exams and correspondence will be conducted through this site. You must go to the site and register as a student in this course and pay the course fee of \$139.95. When registering,

select *Fall* as the term and *DL1*. Blackboard will be used minimally, this portal will host all the information you require.

E-mail Correspondence

Only messages that originate from a George Mason University address will be accepted. The following is an appropriate professional format and example:

Dear Dr. Caswell, (*Beginning salutation*)

I am looking forward to your class. (*Text body*)

Regards, (*Ending Salutation*)

(*Your name*)

Have a Great Semester!