



### Course Information

**Course title:** Specialized Medical English (1)

**Type and credits (theoretical–practical):**  
Theoretical, 3 Credits

**Prerequisites:** General English

**Course type (elective/required):** Required

### Learners' Information

**Field of study:** Bachelor of Medicine, Bachelor of Surgery (MBBS)

**Academic level:** Undergraduate

**Semester:** First Semester (September to February 2025)

**Time:** Sunday (12:00-14:00), Tuesday (8:00-10:00)

### Information of the Course's Main Instructor or Instructors

**Full name:** Masoumeh Hassanpour

**Contact number:** 09151075175

**Academic degree:** PhD

**Academic rank:** Lecturer

**Field of study:** Teaching English as a Foreign Language (TEFL)

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**Names of other instructors:** \_\_\_\_

### Course Description

Given the increasing need for medical students and graduates to study medical texts in order to enhance and update their knowledge and to conduct research on topics related to the field, this course aims to strengthen students' reading and comprehension of medical literature. To achieve this, the majority of class time (approximately two-thirds) is dedicated to teaching strategies for reading and understanding medical texts. The course also acknowledges students' need to communicate in English in both in-person and virtual settings; accordingly, part of the class time is devoted to practicing listening and speaking skills. Consequently, the language component of the course will be conducted in English.

**Goals:**

By the end of this course, students will be able to read and comprehend English medical texts, understand and employ academic and medical terminology and vocabulary, speak fluently about medical topics, and follow spoken English at an appropriate pace in discussions about medical subjects. In addition, they will recognize the importance of English in extracurricular activities, collaborating with peers within a set timeframe, as an attitudinal objective.

**Objectives:**

By the end of this course, students are expected to:

➤ **Cognitive objectives:**

- 1- demonstrate effective use of a dictionary/medical dictionary.
- 2- apply and demonstrate strategies for vocabulary learning.
- 3- identify and use English language chunks to support language learning.
- 4- identify the phonetic symbols of words.
- 5- recognize and identify the pronunciation of words using phonetic symbols.
- 6- listen to the spoken vocabulary and text, and then read them aloud correctly.
- 7- determine the parts of speech of words.
- 8- determine the parts of speech of words and provide examples for each.
- 9- mention one or two synonyms for words.
- 10- write a synonym for a word.
- 11- identify the synonym of a word from a list.
- 12- identify synonyms and homonyms of words.
- 13- identify the different meanings of a word.
- 14- write a synonym for each of the different meanings of a word.
- 15- identify the different meanings of a word in sentences.
- 16- write a sentence for each of the different meanings of a word.
- 17- identify prefixes, suffixes, and roots in English and write an example for each.
- 18- identify prefixes, suffixes, and roots in English and write a specialized medical example for each.
- 19- identify the meanings of prefixes, suffixes, and roots in English words.
- 20- distinguish between different suffixes (noun, verb, adjective, and adverb suffixes).
- 21- identify verb prefixes.
- 22- identify abbreviations and spell them out correctly.
- 23- recognize and interpret the meanings of abbreviations.
- 24- apply and demonstrate reading strategies to identify the main idea of paragraphs/passages.

- 25- read the case study passages and answer the relevant multiple-choice questions (MCQs) and do the cloze exercises.
- 26- read the case study passages and compose responses to the cloze exercises.
- 27- read the case study passages and identify its main idea from the provided options.
- 28- analyze complex sentences to interpret and explain meaning.
- 29- provide explanations and rationales for the correct answers to the cloze exercises in each chapter.
- 30- paraphrase texts accurately to avoid plagiarism by reproducing meaning with original wording and syntax.

➤ **Psychomotor objectives (for practical/clinical courses):**

- 31- demonstrate proficient practical performance in facilitating and participating in English conversations at an intermediate to upper-intermediate level
- 32- write complex sentences using intermediate to upper-intermediate grammar and vocabulary.
- 33- present written content in English at an intermediate to upper-intermediate level.
- 34- deliver an oral presentation on a portion of the lesson.

➤ **Affective/attitudinal objectives:**

- 35- pay attention to learning the correct pronunciation of words.
- 36- demonstrate interest in the topics and materials presented.
- 37- demonstrate active participation in class discussions by contributing thoughtful, timely, and relevance-driven input.
- 38- exhibit self-reliance when working independently.
- 39- cooperate effectively in group activities.
- 40- demonstrate commitment to ethical writing by paraphrasing texts accurately to avoid plagiarism
- 41- demonstrate punctuality by consistently arriving to class on time.
- 42- adhere to the class rules and regulations discussed in the first session throughout the semester.

**Teaching and Learning Approaches (teaching and learning methods aligned with the selected educational approaches):**

Virtual ☐

In-person ☒

Blended ☐

**Content and Sequence for Presentation and Delivery**

| Objectives                                               | Session | Date                              | Topic                                                                                              | Approach & Method<br>(In-person/Virtual/Blended/<br>Flipped Classroom)           |
|----------------------------------------------------------|---------|-----------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Cognitive / Psychomotor / Affective (Attitudinal)</b> | 1       | October 12, 2025<br>(1404-07-20)  | <b>Introduction &amp; Chapter 1:</b><br>Concepts, Suffixes, and Prefixes of<br>Medical Terminology | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 2       | October 14, 2025<br>(1404-07-22)  | <b>Chapter 1:</b> Concepts, Suffixes, and<br>Prefixes of Medical Terminology                       | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 3       | October 26, 2025<br>(1404-08-04)  | <b>Chapter 2:</b> Body Structure                                                                   | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 4       | October 28, 2025<br>(1404-08-06)  | <b>Chapter 2:</b> Body Structure                                                                   | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 5       | November 02, 2025<br>(1404-08-11) | <b>Chapter 3:</b> Disease and Treatment                                                            | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 6       | November 04, 2025<br>(1404-08-13) | <b>Chapter 3:</b> Disease and Treatment                                                            | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 7       | November 09, 2025<br>(1404-08-18) | <b>Quiz + Chapter 3:</b> Disease and<br>Treatment                                                  | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 8       | November 11, 2025<br>(1404-08-20) | <b>Chapter 4:</b> Integumentary System                                                             | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 9       | November 16, 2025<br>(1404-08-25) | <b>Chapter 4:</b> Integumentary System                                                             | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 10      | November 18, 2025<br>(1404-08-27) | <b>Mid-term Examination</b>                                                                        |                                                                                  |
|                                                          | 11      | November 23, 2025<br>(1404-09-02) | <b>Chapter 5:</b> Skeletal System                                                                  | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 12      | November 25, 2025<br>(1404-09-04) | <b>Chapter 5:</b> Skeletal System                                                                  | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 13      | November 30, 2025<br>(1404-09-09) | <b>Chapter 6:</b> Muscular System                                                                  | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 14      | December 02, 2025<br>(1404-09-11) | <b>Chapter 6:</b> Muscular System                                                                  | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |
|                                                          | 15      | December 07, 2025<br>(1404-09-16) | <b>Chapter 6:</b> Muscular System                                                                  | In-person (Q&A, Interactive<br>Lecturing, Problem Solving),<br>Flipped Classroom |

|    |                                   |                                                    |                                                                            |
|----|-----------------------------------|----------------------------------------------------|----------------------------------------------------------------------------|
| 16 | December 09, 2025<br>(1404-09-18) | <b>Chapter 7:</b> Nervous System and Mental Health | In-person (Q&A, Interactive Lecturing, Problem Solving), Flipped Classroom |
| 17 | December 14, 2025<br>(1404-09-23) | <b>Chapter 7:</b> Nervous System and Mental Health | In-person (Q&A, Interactive Lecturing, Problem Solving), Flipped Classroom |
| 18 | December 16, 2025<br>(1404-09-25) | <b>Chapter 7:</b> Nervous System and Mental Health | In-person (Q&A, Interactive Lecturing, Problem Solving), Flipped Classroom |
| 19 | December 21, 2025<br>(1404-09-30) | <b>Chapter 8:</b> Special Senses: Ear and Eye      | In-person (Q&A, Interactive Lecturing, Problem Solving), Flipped Classroom |
| 20 | December 23, 2025<br>(1404-10-02) | <b>Chapter 8:</b> Special Senses: Ear and Eye      | In-person (Q&A, Interactive Lecturing, Problem Solving), Flipped Classroom |
| 21 | December 28, 2025<br>(1404-10-07) | Students Lectures                                  | In-person                                                                  |
| 22 | December 30, 2025<br>(1404-10-09) | Students Lectures                                  | In-person                                                                  |
| 23 | January 04, 2025<br>(1404-10-14)  | Students Lectures                                  | In-person                                                                  |
| 24 | February 07, 2026<br>(1404-11-18) | <b>Final Examination</b>                           |                                                                            |

### **Methods of Teaching and Learning\*:**

Question-and-answer (Q&A), Interactive lecturing, group discussion, flipped classroom, problem-based learning (PBL), team-based learning (TBL), task-based learning (TBL) or task-based instruction (TBI)

**\*Note:** The teaching method should be determined separately for each session when multiple instructors and teaching methods are involved. The teaching and learning methods and activities should be designed in alignment with the learning objectives. Teaching methods that can be used independently or in combination include: interactive lecturing, question-and-answer (Q&A), group discussion, flipped classroom, problem-based learning (PBL), team-based learning (TBL), scenario-based learning, the use of advance organizer model, team member teaching design (TMTD), mobile learning, interactive electronic content-based learning, guided discovery learning (GDL), game-based learning (GBL), buzz groups, the snowball technique, and brainstorming.

### **Educational Strategies\*:**

Student-centered learning and problem-based learning

**Note:** Completing this section is optional.

Educational improvement strategies include ‘student-centered learning’, ‘problem-based learning’, and ‘integrated, community-based, elective, and systematic’ approaches.

### **Education Environment and Platform\***

- In-person: Class No. 17, Faculty of Medicine, Mashhad University of Medical Sciences
- Virtual: Skyroom: <https://vclass.mums.ac.ir/ch/mb-hassanpourn1>
- Flipped Classroom and Assignments: Navid Platform: <https://sipad.mums.ac.ir/Dashboard> → <https://lms.mums.ac.ir/Dashboard/Index>

**\*Note:** The selection of an education platform should reflect the instructional modality (in-person, virtual, or blended) and the set of educational locations or sites where learning occurs.

### **Responsibilities and Assignments of Students**

Each student is expected to adhere to the following training regulations:

- Attend all scheduled classes regularly and punctually.
- Arrive prepared for instruction with all required materials.
- Engage actively in all class discussions and activities.
- Complete and submit all assigned homework in a timely manner.
- Manage time effectively to balance coursework and commitments.
- Demonstrate respect for oneself, peers, instructors, and the learning environment.
- Engage in regular, sustained reading related to course content.
- Strive for personal and academic best in all conducted tasks.

### **Required Teaching Aids and Instructional Facilities:**

- Computer
- Video data projector
- Online and offline dictionaries
- Internet access
- PowerPoint slides (illustrated terminology)
- Whiteboard
- Whiteboard markers
- Navid Platform
- Skyroom: <https://vclass.mums.ac.ir/ch/mb-hassanpourn1>
- Telegram (social media) access

**Student Assessment Method:**

| Type of assessment                                             | Objectives*                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Score /20 |
|----------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Formative assessment</b><br>(During the course)             | <i>Cognitive</i>             | <ul style="list-style-type: none"> <li>• <b>Type: <i>Quiz</i>:</b> MCQs and cloze tests (16 questions, including vocabulary and reading comprehension)</li> <li>• <b>Date:</b> November 09, 2025 (1404-08-18) 12:00-13:00</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 point   |
|                                                                |                              | <ul style="list-style-type: none"> <li>• <b>Type: <i>Mid-term Examination</i>:</b> MCQs and cloze tests (30 questions, including vocabulary and reading comprehension)</li> <li>• <b>Date:</b> November 18, 2025 (1404-08-27)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5 points  |
| <b>Summative assessment</b><br>(End of the course)             | <i>Cognitive</i>             | <ul style="list-style-type: none"> <li>• <b>Type: <i>Final Examination</i>:</b> MCQs and cloze tests (40 questions, including vocabulary and reading comprehension)</li> <li>• <b>Date:</b> January 28, 2026 (1404-11-08) 12:00-13:00</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10 points |
| <b>Assignments and Class Activities</b><br>(During the course) | <i>Psychomotor</i>           | <p><b><i>Assignments</i></b></p> <ul style="list-style-type: none"> <li>• <b>Number and type of assignments:</b> <ul style="list-style-type: none"> <li>○ Demonstrate proficient practical performance in facilitating and participating in English conversations (Required);</li> <li>○ Hand-written exercises for eight chapters of the textbook (required)</li> <li>○ Deliver an oral presentation on a portion of the lesson (Optional).</li> </ul> </li> <li>• <b>Method and deadline for submission:</b> <ul style="list-style-type: none"> <li>○ Submit the assignments, which consist of handwritten solutions to the exercises for each chapter of the textbook, to the class representative during the first session after completing instruction for that chapter. The representative will collect the submissions and forward them to me.</li> </ul> </li> <li>• <b>Method of providing feedback to students:</b> <ul style="list-style-type: none"> <li>○ In-class review of questions after the mid-term exam to identify strengths and weaknesses and to assess the effectiveness of the teaching method.</li> <li>○ Face-to-Face feedback on handwritten solutions to the exercises.</li> </ul> </li> </ul> | 4 points  |
|                                                                | <i>Affective/attitudinal</i> | <p><b><i>Class Activities</i></b></p> <ul style="list-style-type: none"> <li>○ Demonstrate interest in the topics and materials presented;</li> <li>○ Demonstrate active participation in class discussions by contributing thoughtful, timely, and relevance-driven input;</li> <li>○ Exhibit self-reliance when working independently;</li> <li>○ Cooperate effectively in group activities;</li> <li>○ Demonstrate commitment to ethical writing by paraphrasing texts accurately to avoid plagiarism;</li> <li>○ Demonstrate punctuality by consistently arriving to class on time;</li> <li>○ Adhere to the class rules and regulations discussed in the first session throughout the semester.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1** point |

**The Test/Exam Blueprint \***

| Objectives            | Educational Content (main topics/headings) / Educational Outcomes by Domain                                           | Number of questions/Exam scoring weight |     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----|
| Cognitive             | Chapter 1: Concepts, Suffixes, and Prefixes of Medical Terminology                                                    | 20%                                     | 80% |
|                       | Chapter 2: Body Structure                                                                                             | 10%                                     |     |
|                       | Chapter 3: Disease and Treatment                                                                                      | 15%                                     |     |
|                       | Chapter 4: Integumentary System                                                                                       | 10%                                     |     |
|                       | Chapter 5: Skeletal System                                                                                            | 10%                                     |     |
|                       | Chapter 6: Muscular System                                                                                            | 10%                                     |     |
|                       | Chapter 7: Nervous System and Mental Health                                                                           | 15%                                     |     |
|                       | Chapter 8: Special Senses: Ear and Eye                                                                                | 10%                                     |     |
| Psychomotor           | Demonstrate proficient practical performance in facilitating and participating in English conversations               | 20%                                     |     |
|                       | Hand-written solutions to the exercises for eight chapters of the textbook                                            |                                         |     |
|                       | Deliver an oral presentation on a portion of the lesson                                                               |                                         |     |
| Affective/attitudinal | Demonstrate interest in the topics and materials presented                                                            | 5%**                                    |     |
|                       | Demonstrate active participation in class discussions by contributing thoughtful, timely, and relevance-driven input; |                                         |     |
|                       | Exhibit self-reliance when working independently                                                                      |                                         |     |
|                       | Cooperate effectively in group activities                                                                             |                                         |     |
|                       | Demonstrate commitment to ethical writing by paraphrasing texts accurately to avoid plagiarism                        |                                         |     |
|                       | Demonstrate punctuality by consistently arriving to class on time                                                     |                                         |     |
|                       | Adhere to the class rules and regulations discussed in the first session throughout the semester                      |                                         |     |

**Note:**

\*Completing this section is optional.

\*\* Extra credit

**Study Resources:**

**Primary Source(s) (Persian/English, Print/Electronic):**

Cohen, Barbara Janson, and Shirley A. Jones. (2021). Medical Terminology: An Illustrated Guide.

**Resources for Further Reading:**

1. Deedari, R., & Zia Hosseini, M. (2010). English for the Students of Medicine. Tehran: SAMT.
2. Hewings, M. (1999). Advanced Grammar in Use. Cambridge: Cambridge University Press.
3. Kamyab, G., Mahboudi, A., Rafatbakhsh, M., Seddigh, F. & Shokrpour, N. (2019). Reading Science and Medicine in English. Shiraz University of Medical Sciences Publication.
4. Mahboudi, A. & Shokrpour, N. (2007). Improving Reading Skills. Shiraz University of Medical Sciences Publication.
5. Gairns, R., & Redman, S. (2020). Oxford Word Skills: Upper-Intermediate-Advanced Vocabulary. Oxford University Press.
6. Fitzgerald, P., McCullagh, M., Tabor, C., & Phillips, T. (2010). English for Medicine in Higher Education Studies. Garnet Education.
7. Azimi, H., Heydarpour Meymeh, M., Khadembashi, N., Pourhaji, M., & Soltani Moghadam, M. (2021). General English in Medicine. Shahid Beheshti University of Medical Sciences Publication.
8. Richards, J.C. (2011). Tactics for Listening. Oxford University Press.

**Dictionaries:**

9. Dorland, W. (2022). Dorland's Medical Dictionary. USA: W. B. Saunders Company.
10. Hornby, A. S. (2023). Oxford Advanced Learner's Dictionary. London: OUP.
11. <https://abadis.ir/>
12. <https://dictionary.cambridge.org/>
13. <https://translate.google.com/>
14. <https://www.collinsdictionary.com/dictionary/english>
15. <https://www.dorlandsonline.com/dorland/home>
16. <https://www.ldoceonline.com/>
17. <https://www.merriam-webster.com/>
18. <https://www.thefreedictionary.com/>