



**FACULTY OF HEALTH SCIENCES AND SPORTS**  
**BACHELOR OF SCIENCE IN BIOMEDICAL TECHNOLOGY (MEDICAL LABORATORY TECHNOLOGY)**  
**LEARNING MODULE OUTLINE**

Academic Year	2025-2026	Semester	1
Module Code	ENGL1101		
Learning Module	English I		
Pre-requisite(s)	Nil		
Medium of Instruction	English / Chinese		
Credits	2	Contact Hours	30
Instructor	Pedro Fong	Email	pedrofong@mpu.edu.mo
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**MODULE DESCRIPTION**

This module is designed for healthcare professional students, focusing on essential medical terminology and effective communication within healthcare settings. Over the module, students will explore the foundations of medical language, including the analysis of prefixes and suffixes, and enhance their understanding of body organisation and key anatomical systems such as the integumentary, muscular, and cardiovascular systems. Emphasis will be placed on vocabulary pertinent to clinical laboratory environments and pharmacy practices, covering common instruments, medication dispensing, and specimen processing. Through a combination of theoretical knowledge and practical application, students will also learn about common disorders, drug classifications, and essential counselling points.

**MODULE INTENDED LEARNING OUTCOMES (ILOS)**

On completion of this learning module, students will be able to:

M1.	demonstrate proficiency in medical vocabulary and terminology commonly used in clinical practice, including the ability to accurately pronounce and spell medical terms.
M2.	develop effective communication skills in English to interact with patients, healthcare professionals, and other members of the interdisciplinary team in a medical setting.
M3.	enhance listening skills to comprehend medical information provided by patients, colleagues, and healthcare professionals, including accurately understanding and responding to instructions and requests.
M4.	demonstrate the ability to read and interpret medical texts, such as medical records, articles and healthcare guidelines, with a focus on accuracy and comprehension of specialized medical terminology.
M5.	develop the skills necessary to write clear and concise medical documentation.
M6.	gain knowledge of common medical abbreviations and acronyms used in healthcare documentation, and effectively use them in written and verbal communication to ensure accuracy and efficiency.



These ILOs aim to enable students to attain the following Programme Intended Learning Outcomes (PILOs):

PILOs	M1	M2	M3	M4	M5	M6
P1. To demonstrate understanding of a range of subjects, fields, principles and approaches relevant to medical laboratory technology				✓		
P2. To demonstrate an understanding of theories, analytical approaches and practices that underpin medical laboratory operations and management	✓	✓	✓	✓	✓	✓
P3. To demonstrate understanding of major trends and issues related to medical laboratory technology				✓		
P4. To apply professional knowledge and skills to analyse, interpret and solve problems, challenges and risks in medical laboratory practice				✓	✓	✓
P5. To critically appraise and interpret scientific and clinical literature and apply evidence-based practice				✓	✓	
P6. To acquire and apply research skills in medical laboratory technology				✓	✓	
P7. To demonstrate effective communication and teamwork skills	✓	✓	✓			✓
P8. To maintain professional and ethical standards in medical laboratory practice and research				✓		

#### MODULE SCHEDULE, COVERAGE AND STUDY LOAD

Week	Content Coverage	Contact Hours
1	Introduction <ul style="list-style-type: none"> <li>Overview of medical terminology</li> <li>Importance of effective communication in healthcare</li> </ul>	1
2	Analysing Medical Terminology <ul style="list-style-type: none"> <li>Prefixes: number or size, time or speed, direction, and position</li> <li>Suffixes: symptoms, diagnoses, and surgical procedures</li> </ul>	2
3	Body Organization <ul style="list-style-type: none"> <li>Tissues, organs, systems, and major body cavities</li> <li>Directional adjectives, planes of division, and body regions</li> </ul>	3
5, 6	Key Vocabulary for Clinical Laboratory Settings and Pharmacy <ul style="list-style-type: none"> <li>Common laboratory and pharmacy instruments: names and functions</li> <li>Vocabulary related to dispensing medications</li> <li>Vocabulary for specimen collection and processing</li> </ul>	4
7, 8	Integumentary System <ul style="list-style-type: none"> <li>Organs and common disorders</li> <li>Common drug types, names, side effects, and counselling points (e.g., dosage and cautions)</li> <li>Common diagnostic test procedures</li> </ul>	4
9	Midterm Test	2
10,	Muscular System <ul style="list-style-type: none"> <li>Organs and common disorders</li> </ul>	4



	<ul style="list-style-type: none"> <li>Common drug types, names, side effects, and counselling points (e.g., dosage and cautions)</li> <li>Common diagnostic test procedures</li> </ul>	
11	Cardiovascular System <ul style="list-style-type: none"> <li>Organs and common disorders</li> <li>Common drug types, names, side effects, and counselling points (e.g., dosage and cautions)</li> <li>Common diagnostic test procedures</li> </ul>	4
12	Blood and blood vessels <ul style="list-style-type: none"> <li>Common disorders</li> <li>Common drug types, names, side effects, and counselling points (e.g., dosage and cautions)</li> <li>Common diagnostic test procedures</li> </ul>	4
15	Final Examination	2

### TEACHING AND LEARNING ACTIVITIES

In this learning module, students will work towards attaining the ILOs through the following teaching and learning activities:

Teaching and Learning Activities	M1	M2	M3	M4	M5	M6
T1. Vocabulary building exercises	✓			✓	✓	
T2. Patient case studies	✓	✓				✓
T3. Reading comprehension tasks	✓	✓		✓		✓
T4. Writing exercises	✓			✓		✓
T5. Multimedia resources (videos, podcasts, or online resources)	✓			✓	✓	✓
T6. Speaking exercises	✓	✓	✓			✓

### ATTENDANCE

Attendance requirements are governed by the Academic Regulations Governing Bachelor's Degree Programmes of the Macao Polytechnic University. Students who do not meet the attendance requirements for the learning module shall be awarded an 'F' grade.

### ASSESSMENT

In this learning module, students are required to complete the following assessment activities:

Assessment Activities	Weighting (%)	ILOs to be Assessed
A1. In-class exercises	20	M1, M2, M4, M5, M6
A2. Midterm test	30	M1, M3, M4, M5, M6
A3. Final Exam	50	M1, M3, M4, M5, M6



This learning module is graded on a 100-point scale, with 100 being the highest possible score and 50 being the passing score. Any students scoring less than 35% of the total mark in the final examination will be given an “F” grade for the module even if the overall grade is 50% or higher.

Make-up assessments will not be provided for the midterm test under any circumstances. Students who are absent will receive a score of zero for that assessment.

The assessment will be conducted following the University’s Assessment Strategy (see [www.mpu.edu.mo/teaching\\_learning/en/assessment\\_strategy.php](http://www.mpu.edu.mo/teaching_learning/en/assessment_strategy.php)). Passing this learning module indicates that students will have attained the ILOs of this learning module and thus acquired its credits.

### MARKING SCHEME

High grades will be awarded for work that demonstrates exceptional understanding and mastery of the subject matter and consistently exceeds expectations. The following are the general assessment criteria for the assessment activities.

Assessment Activities	Assessment Criteria	Mark Ranges				
		88-100	73-87	58-72	50-57	<50
A1. In-class exercises	Demonstrates comprehension and accurate usage of medical English vocabulary and terminology.	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Fail; not reaching marginal levels
A2. Midterm test	Demonstrates proper use of medical English vocabulary, grammar, and sentence structure.	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Fail; not reaching marginal levels
A3. Final Examination	Demonstrates proper use of medical English vocabulary, grammar, and sentence structure.	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Fail; not reaching marginal levels

### REQUIRED READINGS

Reading materials, such as medical notes and articles, will be provided to the students by the instructors of this module.

McCarter, Sam. (2009) Oxford English for Careers: Medicine 1, Oxford University Press.

### REFERENCES

Leonard, Peggy C. (2019) Quick & Easy Medical Terminology, 9th edition. Missouri, US: Elsevier Saunders.

Goodman, Neville W. & Edwards, Martin B. (2014) Medical writing: a prescription for clarity. Cambridge, UK: Cambridge University Press.

Bostwick, Paula & Weber Heidi. (2013) Medical terminology: a programmed approach. New York: McGraw-Hill.



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Hull, Melodie. (2010) Medical English clear & simple: a practice-based approach to English for ESL Healthcare professionals. Philadelphia: F.A. Davis Company.

### **STUDENT FEEDBACK**

At the end of every semester, students are invited to provide feedback on the learning module and the teaching arrangement through questionnaires. Your feedback is valuable for instructors to enhance the module and its delivery for future students. The instructor and programme coordinators will consider all feedback and respond with actions formally in the annual programme review.

### **ACADEMIC INTEGRITY**

The Macao Polytechnic University requires students to have full commitment to academic integrity when engaging in research and academic activities. Violations of academic integrity, which include but are not limited to plagiarism, collusion, fabrication or falsification, repeated use of assignments and cheating in examinations, are considered as serious academic offenses and may lead to disciplinary actions. Students should read the relevant regulations and guidelines in the Student Handbook which is distributed upon the admission into the University, a copy of which can also be found at [www.mpu.edu.mo/student\\_handbook/](http://www.mpu.edu.mo/student_handbook/).