澳門理工大學
Universidade Politécnica de Macau
Macao Polytechnic University

FACULTY OF HEALTH SCIENCES AND SPORTS

BACHELOR OF SCIENCE IN BIOMEDICAL TECHNOLOGY (MEDICAL LABORATORY TECHNOLOGY)

LEARNING MODULE OUTLINE

Academic Year	2024-2025	Semester	2
Module Code	ENGL1102		
Learning Module	English II		
Pre-requisite(s)	Nil		
Medium of Instruction	English / Chinese		
Credits	3	Contact Hours	45
Instructor	Pedro Fong	Email	pedrofong@mpu.edu.mo
Office	M729 Meng Tak Building, Main Campus	Office Phone	85993427

MODULE DESCRIPTION

This 45-hour course is designed to build English language proficiency for healthcare professionals. It covers medical terminology related to health concepts, laboratory procedures, and pharmaceutical terms. Students will develop reading, writing, and speaking skills specific to the medical field. The course includes engaging activities, authentic medical texts, and interactive exercises to enhance comprehension and communication.

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 aims 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 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	Functions, diseases and treatments of blood and blood vessels • Introduction to blood and blood vessels • Organs in blood and blood vessels • Common blood and blood vessels disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
2	Listening, reading and writing practice: Dermatology	2
3	Functions, diseases and treatments of respiratory system • Introduction to respiratory system • Organs in respiratory system • Common respiratory disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
4	Listening, reading and writing practice: Working in a team	2
5	Functions, diseases and treatments of digestive system • Introduction to digestive system • Organs in digestive system • Common digestive disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
6	Listening, reading and writing practice: Parents and young children	2

6	Functions, diseases and treatments of endocrine system • Introduction to endocrine system • Organs in endocrine system • Common endocrine disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
7	Listening, reading and writing practice: Surgery	2
7	Functions, diseases and treatments of immune system • Introduction to immune system • Organs in immune system • Common immune disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
8	Listening, reading and writing practice: Communication	2
9	Functions, diseases and treatments of urinary system • Introduction to urinary system • Organs in urinary system • Common urinary disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
9	Listening, reading and writing practice: Working in psychiatry	2
10	**Midterm test**	2
10	Functions, diseases and treatments of reproductive system • Introduction to reproductive system • Organs in reproductive system • Common reproductive disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
10	Listening, reading and writing practice: Emergency medicine	2
11	Functions, diseases and treatments of nervous system • Introduction to nervous system • Organs in nervous system • Common nervous disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
11	Listening, reading and writing practice: Accidents	2
13	Visualization • Structure of eye • Common eye disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	2
13	Listening, reading and writing practice: Diversity at work	2
14	Hearing • Structure of ear	2

	• Common ear disorders • Common diagnostic tests, treatments and medications • Journal reading and exercises	
14	In-class Exercises / Preparation for Exam	1
14	Oral Presentation	2
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. Oral Presentation	✓	✓	✓			✓

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	15	M1, M4, M5, M6
A2. Oral presentation	15	M1, M2, M4, M6
A3. Midterm test	20	M1, M3, M4, M5, M6
A4. 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.

The assessment will be conducted following the University's Assessment Strategy (see 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 to work that demonstrates exceptional understanding and mastery of the subject matter and consistently exceeding expectations. The followings 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. Oral presentation	Clearly presents medical information using appropriate terminology, pronunciation, and fluency.	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Fail; not reaching marginal levels
A3. 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
A4. 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

Please refer to the 'Essay Rubic.pdf' and 'Presentation Evaluation Form.pdf' for the grading criteria of the writing assignment and oral presentation.

REQUIRED READINGS

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

McCarter, Sam. (2010) Oxford English for Careers: Medicine 2, 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.

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/.