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	ENGL2102		
Learning Module	English IV		
Pre-requisite(s)	Nil		
Medium of Instruction	English and Chinese		
Credits	3	Contact Hours	45 hrs
Instructor	Dr. John Kong	Email	johnkong@mpu.edu.mo
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MODULE DESCRIPTION

This learning module is designed to enhance students' English language proficiency at an intermediate level in the field of health science. It focuses on developing effective communication skills in listening, speaking, reading, writing, and translating. Students will practice spoken communication and receive training in written communication. The course covers academic vocabulary, professional knowledge, and Chinese-English translation exercises related to medical laboratory tests, equipment operation/instructions, and general health sciences.

MODULE INTENDED LEARNING OUTCOMES (ILOS)

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

M1.	Develop and improve language skills in medical contexts, including understanding medical terminology, patient interactions, healthcare procedures, and analyzing medical texts, research articles, and case studies;
M2.	Enhance communication skills through role-plays, discussions, presentations, and medical writing for effective communication with patients, colleagues, and healthcare professionals, and producing accurate medical documents;
M3.	Develop translation skills for medical documents and expand academic vocabulary in health sciences and medical terminology;
M4.	Gain knowledge of medical laboratory and pharmacy technology, as well as general health sciences, including anatomy, physiology, and common medical conditions, to effectively communicate and understand medical procedures.

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

PILOs	M1	M2	M3	M4
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	Introduction Unit 19 The eye Supplementary material and class practice	3
2	Unit 20 The gastrointestinal system Unit 21 Gynaecology Supplementary material and class practice	3
3	Unit 22 The heart and circulation 1 Unit 23 The heart and circulation 2 Supplementary material and class practice	3
4	Unit 24 Infections Quiz 1	3
5	Unit 25 Mental illness Unit 26 The nervous system 1 Supplementary material and class practice	3
6	Unit 27 The nervous system 2 Unit 28 Oncology Supplementary material and class practice	3
7	Unit 29 Pregnancy and childbirth Unit 30 The respiratory system Supplementary material and class practice	3
8	Unit 31The skin 1 Unit 32 The skin 2 Supplementary material and class practice	3

9	Midterm exam	3
10	Unit 33 The urinary system Supplementary material and class practice	3
11	Unit 34 Basic investigations Supplementary material and class practice	3
12	Unit 35 Laboratory tests Supplementary material and class practice	3
13	Unit 36 Endoscopy Unit 37 X-ray and CT Supplementary material and class practice	3
14	Unit 38 MRI and Ultrasound Unit 39 ECG	3
15	Review +Final exam	3

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**
T1. Lectures and group discussions	✓	✓	✓	✓
T2. In-class and out-of-class practice and workshops	✓	✓	✓	✓
T3. Knowledge- and practice- based assignments and tests	✓	✓	✓	✓

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. Class participation and performance	10%	M1-M4
A2. Assignment and Quizzes	25%	M1-M4
A3. Midterm exam	25%	M1-M4
A4. Final exam	40%	M1-M4

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

A (Excellent):

Language Accuracy: Demonstrates exceptional command of grammar, vocabulary, and sentence structure in medical contexts. Consistently uses accurate medical terminology and appropriate language.

Medical Communication Skills: Communicates effectively and confidently in medical contexts, displaying clarity, coherence, and appropriateness. Demonstrates excellent listening and speaking skills.

Reading and Writing Skills: Shows a high level of comprehension and analysis of medical texts. Produces well-structured, coherent, and contextually appropriate written work.

Translating Skills: Accurately and effectively translates medical information from English to the target language, maintaining the intended meaning and tone of the original text.

Critical Thinking and Analysis: Demonstrates exceptional ability to analyze and interpret medical information, research findings, and case studies. Applies medical knowledge effectively.

B (Good):

Language Accuracy: Displays a strong command of grammar, vocabulary, and sentence structure in medical contexts. Uses medical terminology accurately and appropriately.

Medical Communication Skills: Communicates effectively in medical contexts, with generally clear and coherent communication. Shows good listening and speaking skills.

Reading and Writing Skills: Demonstrates good comprehension and analysis of medical texts. Produces well-structured and coherent written work with few errors.

Translating Skills: Translates medical information accurately, maintaining the intended meaning and tone of the original text.

Critical Thinking and Analysis: Shows good ability to analyze and interpret medical information, research findings, and case studies. Applies medical knowledge appropriately.

C (Fair):

Language Accuracy: Demonstrates a satisfactory command of grammar, vocabulary, and sentence structure in medical contexts. Uses medical terminology with some accuracy.

Medical Communication Skills: Communicates adequately in medical contexts, with occasional clarity and coherence issues. Shows satisfactory listening and speaking skills.

Reading and Writing Skills: Displays satisfactory comprehension and analysis of medical texts. Produces written work that is generally coherent but may contain some errors.

Translating Skills: Translates medical information with some accuracy, but may occasionally miss nuances or tone of the original text.

Critical Thinking and Analysis: Demonstrates satisfactory ability to analyze and interpret medical information, research findings, and case studies. Applies medical knowledge adequately.

D (Pass):

Language Accuracy: Demonstrates basic understanding of grammar, vocabulary, and sentence structure in medical contexts. May have frequent errors and struggles with medical terminology.

Medical Communication Skills: Communicates with some difficulty in medical contexts, with limited clarity and coherence. Shows limited listening and speaking skills.

Reading and Writing Skills: Displays limited comprehension and analysis of medical texts. Produces written work that may lack coherence and contain significant errors.

Translating Skills: Translates medical information with limited accuracy, often missing important details or meaning.

Critical Thinking and Analysis: Demonstrates limited ability to analyze and interpret medical information, research findings, and case studies. Applies medical knowledge with difficulty.

F (Fail):

Language Accuracy: Demonstrates inadequate understanding of grammar, vocabulary, and sentence structure in medical contexts. Struggles with basic medical terminology.

Medical Communication Skills: Communicates with significant difficulty in medical contexts, lacking clarity and coherence. Shows poor listening and speaking skills.

Reading and Writing Skills: Displays poor comprehension and analysis of medical texts. Produces written work that lacks coherence and contains numerous errors.

Translating Skills: Translates medical information with significant inaccuracies, often failing to convey the intended meaning or tone.

Critical Thinking and Analysis: Demonstrates poor ability to analyze and interpret medical information, research findings, and case studies. Fails to apply medical knowledge effectively.

REQUIRED READINGS

Glendinning Eric H. and Ron Howard. (2007) *Professional English in Use: Medicine*. Cambridge: Cambridge University Press.

(Also available as: 《劍橋醫學英語》，人民郵電出版社, 2010, ISBN 978-7-115-22122-3）.

REFERENCES

李清華（2015），《醫學英語實用翻譯教程》，北京：世界圖書出版社。

吳克蓉（2012），《醫學英語視聽說教程》，上海：世界圖書出版社。

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/.