

Macao Polytechnic Institute
School of Health Sciences and Sports
Bachelor of Science in Biomedical Technology
(Medical Laboratory & Pharmacy Technology)

Module Outline

Academic Year 2021 / 2022 Semester 1

Learning Module	English I		Class Code	ENGL1101
Pre-requisite(s)	Nil			
Medium of Instruction	English / Chinese		Credit	3
Lecture Hours	45 hrs	Lab/Practice Hours	0 hrs	Total Hours 45 hrs
Instructor	Pedro Fong		E-mail	pedrofong@ipm.edu.mo
Office	Rm. M705, Meng Tak Building, Main Campus		Telephone	85993427

Description

This 45-hour learning module serves as a foundation for developing students' English reading, writing and speaking ability required as a healthcare professional. Emphasis is placed on the medical terminology about health concepts, laboratory and pharmaceutical terms.

Learning Outcomes

After completing the learning module, students will be able to:

1. Understand the purpose and concepts of medical terminology.
2. Familiarize with common terminologies in anatomy, disease and treatment.
3. Listen, read and interpret basic medical information and articles.
4. Write brief medical reports with references.

Content

1. Introduction (2 hours)
 - 1.1 Medical reading
 - 1.2 Listening and talking to healthcare professionals
 - 1.3 Medical writing

2. Analysing medical terminology 1 (3 hours)
 - 2.1 Root and prefix
 - 2.1.1 Prefixes of number or size
 - 2.1.2 Prefixes of time or speed
 - 2.1.3 Prefixes of direction
 - 2.1.4 Prefixes of position
 - 2.1.5 Exercises

3. Analysing medical terminology 2 (3 hours)
 - 3.1 Suffixes
 - 3.1.1 Suffixes that signify symptoms and diagnosis
 - 3.1.2 Suffixes that signify surgical procedures
 - 3.1.3 Additional suffixes
 - 3.1.4 Exercises

4. Body's organization and physician specialties (3 hours)
 - 4.1 Body tissues
 - 4.2 Body organs
 - 4.3 Body systems
 - 4.4 Major body cavities
 - 4.5 Exercises

5. Body's organization and physician specialties (3 hours)
 - 5.1 Directional adjectives
 - 5.2 Planes of division
 - 5.3 Body regions
 - 5.4 Physician specialties
 - 5.5 Exercises

6. Listening, reading and writing practice: Presenting complaints (2 hours)

7. Functions, diseases and treatments of integumentary system (3 hours)
 - 7.1 Introduction to integumentary system
 - 7.2 Organs in integumentary system

- 7.3 Common integumentary disorders
- 7.4 Common diagnostic tests, treatments and medications
- 7.5 Journal reading and exercises

8. Midterm test (2 hours)

- 9. Listening, reading and writing practice: Working in general practice (2 hours)

- 10. Functions, diseases and treatments of skeletal system (3 hours)
 - 10.1 Introduction to skeletal system
 - 10.2 Organs in skeletal system
 - 10.3 Common skeletal disorders
 - 10.4 Common diagnostic tests, treatments and medications
 - 10.5 Journal reading and exercises

- 11. Listening, reading and writing practice: Functions and procedures (2 hours)

- 12. Functions, diseases and treatments of muscular system (3 hours)
 - 12.1 Introduction to muscular system
 - 12.2 Organs in muscular system
 - 12.3 Common muscular disorders
 - 12.4 Common diagnostic tests, treatments and medications
 - 12.5 Journal reading and exercises

- 13. Listening, reading and writing practice: Explaining and reassuring (2 hours)

- 14. Functions, diseases and treatments of cardiovascular system (3 hours)
 - 14.1 Introduction to cardiovascular system
 - 14.2 Organs in cardiovascular system
 - 14.3 Common cardiovascular disorders
 - 14.4 Common diagnostic tests, treatments and medications
 - 14.5 Journal reading and exercises

- 15. Listening, reading and writing practice: Dealing with medication (2 hours)

- 16. Listening, reading and writing practice: Lifestyle (2 hours)

- 17. Talks and conferences (1 hours)
 - 17.1 General and local information
 - 17.2 Conferences example

17.3 Giving a talk

18. Oral presentation (2 hours)

19. Final examination (2 hours)

Teaching Method

Lectures, videos, case studies, group discussion

Attendance

Attendance requirements are governed by the “Academic Regulations Governing Bachelor’s Degree Programmes of Macao Polytechnic Institute”. Students are not eligible to attend the final examination and re-sit examination, moreover, an “F” will be given as the final grade to students who have less than the stated attendance for the enrolled learning module.

Assessment

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 learning module even if the overall grade is 50% or higher. Also, students will need to take the re-sit examination if they miss the final examination due to unreasonable absence and their maximum final score will be 50.

	Item	Description	Percentage
1.	Assignment	Essay writing	15%
2.	Midterm test	Will be announced in class	20%
3.	Presentation	Will be announced in class	15%
4.	Final examination	All materials in this module	50%
Total Percentage:			100%

Teaching Material(s)

Textbook(s)

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

Reference

Reference book(s)

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.