



**PEKING UNIVERSITY HEALTH SCIENCE CENTER - MACAO POLYTECHNIC UNIVERSITY NURSING  
ACADEMY  
BACHELOR OF SCIENCES IN NURSING  
LEARNING MODULE OUTLINE**

|                       |   |               |  |
|-----------------------|---|---------------|--|
| Academic Year         | 2023/2024                                       | Semester      | 1  |
| Module Code           | NGER3101  |               |  |
| Learning Module       | Geriatric nursing                               |               |  |
| Pre-requisite(s)      | NFUN1101, NFUN1102                              |               |  |
| Medium of Instruction | Chinese and English                             |               |  |
| Credits               | 3   | Contact Hours | 45   |
| Instructor            | Dr. LEONG Sin U Cindy*<br>Dr. HSU Mei Hua Kerry | Email         | suleong@mpu.edu.mo<br>kerryhsu@mpu.edu.mo    |
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**MODULE DESCRIPTION 學科單元/科目概述**

The objectives of the internship are the followings:

Geriatric nursing is an introduction to basic principles of gerontology and geriatric nursing. Gerontology is a multidisciplinary study covering 5 major components: chronological, biological, physiological, sociological and economic aspects of human aging. This subject is a guided on a health-oriented practice with emphasis on health promotion and disease prevention. Common aging-related illnesses, their treatments and nursing management will also be introduced. Issues about sociological and economic consequence of an aging society will be discussed.

**MODULE INTENDED LEARNING OUTCOMES (ILOS) 學科單元/科目預期學習成效**

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

|     |   |
|-----|---|
| M1. | To consolidate the knowledge about bio-psycho-social changes among older adults.  |
| M2. | To discuss the sociological and economic consequence of an aging society by examining current societal values and resources for the care of older adults in Macao.      |
| M3. | To describe the strategies of promoting health, preventing common diseases, and managing their chronic health problems among older adults.                              |
| M4. | To describe nursing actions which promote quality of life in older adults, especially about assisting the older adults in daily living and coping with health problems. |



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

| PILOs 課程預期學習成效   | M1 | M2 | M3 | M4 |
|--|----|----|----|----|
| P1. Demonstrate an understanding of the holistic nature of the clients' health status involving individual, family, and community aspects.   | ✓  | ✓  | ✓  | ✓  |
| P2. Demonstrate effective communication skills and the ability to establish and maintain a therapeutic relationship with clients.  | ✓  | ✓  | ✓  | ✓  |
| P3. Demonstrate a mastery and an application of knowledge and skills for nursing practice, including biological sciences, social sciences and humanities, by making appropriate clinical reasoning and performing safe and therapeutic practice. | ✓  | ✓  | ✓  | ✓  |
| P4. Demonstrate the ability to maintain legal and ethical standards of nursing practice.   | ✓  | ✓  | ✓  | ✓  |
| P5. Demonstrate the ability to carry out relevant research and contribute to the health of the community.  |    |    |    |    |
| P6. Work effectively and efficiently alone or in teams.  | ✓  | ✓  | ✓  | ✓  |
| P7. Demonstrate the ability to identify and evaluate health care issues.   | ✓  | ✓  | ✓  |    |
| P8. Demonstrate a critical understanding and apply the principles of evidence-based practice to the delivery of nursing care.  | ✓  | ✓  | ✓  |    |

#### MODULE SCHEDULE, COVERAGE AND STUDY LOAD 教與學日程、內容及學習量

| Week<br>週 | Content Coverage 涵蓋內容  | Contact Hours<br>面授學時 |
|-----------|--|-----------------------|
| 14        | Theoretical teaching and discussion, assignment and presentation | 43                    |
| 15        | Exam   | 2                     |

#### TEACHING AND LEARNING ACTIVITIES

In this learning module, students will work towards attaining the ILOs through the following teaching and learning activities: 修讀本學科單元/科目，學生將透過以下教與學活動取得預期學習成效

| Teaching and Learning Activities  | M1 | M2 | M3 | M4 | M5 | M6 |
|---|----|----|----|----|----|----|
| T1. Describe the health problems, physical, psychosocial, and related issues for elderly in lectures. | ✓  | ✓  | ✓  | ✓  |    |    |
| T2. Describe the related cases of older adults with the theories.                                     | ✓  | ✓  | ✓  | ✓  |    |    |
| T3. Demonstrate in PPT, videos, and cases.  | ✓  | ✓  | ✓  | ✓  |    |    |
| T4. Demonstrate knowledge and caring techniques in assignment   |    |    |    |    | ✓  |    |



## 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 (M1,M2,M3,M4,M5,M6....) |
|---|---------------|---|
| A1. Attendance (70% at least)                               | 0             | M1 to M4                                    |
| A2. Assignment according the learning module outline below. | 40            | M1 to M4                                    |
| A3. Examination   | 60            | M1 to M4                                    |

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.

This learning module is graded on a 100-point scale, with 100 being the highest possible score and 50 being the passing score.

Any student from Faculty of Health Sciences and Sports (FCSD) 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.

## MARKING SCHEME (評分準則)

### Guideline for the Aged Simulation with Visual Reality in 2023

#### Purpose:

The aged simulation set with visual reality (VR) is a teaching material intended to deliver the feeling of being older adults due to the musculoskeletal, visual and auditory changes that occur with age. Under the team-based, you are expected to wear the whole set with visual reality in experiencing the daily life of older adults. After this practice, students are expected not only to have the feelings and experiences of being older adults but also to apply into their future nursing practice.

#### Procedure:

1. Five to six students form a team.
2. Each team borrows one aged simulation set and visual reality (VR) simulator from the nursing lab.
3. Each team member has to help each other when aged simulation practice applied including putting up, taking off, and being a safety guard.



4. Each student has to put on the simulation set and visual reality (VR) simulator for walking at least 100 meters and to go up and down stairs, as well as to use the walker and two crutches for walking (COMPULSORY).
5. Each team has to shoot a micro-file with theme or scenario related to daily life of older adults, such as eating, dressing, moving, walking, and toileting at home, community, institution, or hospital.
6. After aged simulation practice, each team has to submit reflection report (500 words for each student's feelings and reflections), video, and photos (at least one photo for each student) for both hardcopy and softcopy (CANVAS) before 26 November 2023 for Class A & B, 23 October 2023 for Class C.

### Assessment Criteria

**Class: 3A/ 3B/3C**

**Group:**

**Students:**

| Assessment Criteria   | Weighting | Score and comments |
|---|-----------|--------------------|
| 1. Video/Photos <ul style="list-style-type: none"><li>• Include each member for the daily life of older people such as up-down stairs</li><li>• Supported by two teammates</li></ul>  | 50%       |                    |
| 1. Reflection ( <b>written assignment</b> ) <ul style="list-style-type: none"><li>• Clear and specific description</li><li>• Reasonable explanation</li><li>• Well justified according to current situation</li><li>• Critical information included</li></ul> | 40%       |                    |
| 3. Quality of writing <ul style="list-style-type: none"><li>• Updated information</li><li>• The relevant literature</li><li>• Systematic organization</li><li>• Communicative</li><li>• Good team work</li></ul>  | 10%       |                    |
| <b>Total Score</b>  |           | <b>/100</b>        |

**Comments:**

**Signature of Teacher:**

**Date:**



## REQUIRED READINGS 書單

Miller, C. A. (2022). *Nursing for wellness in older adults*. (9th ed. & International version). Wolters Kluwer/Lippincott Williams & Wilkins: Philadelphia.

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### Website(s)

World Health Organization:

[http://search.who.int/search?q=old+people&ie=utf8&site=who&client=\\_en&proxystylesheet=\\_en&output=xml\\_no\\_dtd&oe=utf8&getfields=doctype](http://search.who.int/search?q=old+people&ie=utf8&site=who&client=_en&proxystylesheet=_en&output=xml_no_dtd&oe=utf8&getfields=doctype)

Social Welfare Institute, Macao, <http://www.ias.gov.mo/web2/big5/index.htm>

United Nations: Regional expert consultation on long-term care of older adults –

<http://www.unescap.org/events/regional-expert-consultation-long-term-care-older-persons-0>

WHO Aging and Life course - <http://www.who.int/ageing/global-strategy/en/>

### 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.





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## 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/).