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

FACULTY OF APPLIED SCIENCES

BACHELOR OF SCIENCE IN COMPUTING

LEARNING MODULE OUTLINE

Academic Year	2024/2025	Semester	2
Module Code	MSEL111		
Learning Module	Special Topics 1		
Pre-requisite(s)	Nil		
Medium of Instruction	Chinese		
Credits	3	Contact Hours	45 hrs
Instructor	Various instructors	Email	tlsiu@mpu.edu.mo
Office	P113, Sport Pavilion, HQ	Office Phone	8599 6822

MODULE DESCRIPTION

This module aims to introduce students to the concept of physical fitness, teach them how to promote physical fitness, and enable them to choose suitable exercise methods based on their physical condition, fostering lifelong physical education awareness and habits. In addition to offering popular leisure fitness activities, the module will be tailored to the college's conditions and the more common and popular activities, aligning with students' interests to ensure they grasp the basic knowledge and skills of each activity. This module unit, combined with practical activities, provides students with basic sports knowledge, including physical fitness, the exercise function system, and exercise safety.

MODULE INTENDED LEARNING OUTCOMES (ILOS)

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

M1.	Preliminarily master the basic theories of various sports. (C16, C17)
M2.	Preliminarily master the basic techniques and tactics of various sports. (C16, C17)
M3.	Preliminarily master the rules and refereeing methods of various sports. (C16, C17)
M4.	Reach the level of being able to compete. (C16, C17)
M5.	Be competent in refereeing general competitions. (C16, C17)

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

PILOs	**M1**	**M2**	**M3**	**M4**	**M5**
P1. Select and apply proven methods, tools and techniques to the effective and efficient implementation of information systems on common platforms, including the Internet platform;					

P2. Acquire essential knowledge in specific fields of computing disciplines including networking, artificial intelligence, and security;					
P3. Apply necessary mathematical techniques to model, analyze and devise solutions to complex problems;					
P4. Work independently to develop an understanding of, and the knowledge and skills associated with the general support and mitigation of security risks of computer systems and networks;					
P5. Design and implement relational database, with an emphasis on how to organize, maintain, retrieve, and analyze information;					
P6. Distinguish the fundamental and operational issues of computer systems, with considerations of user, business, ethical, societal, and environmental needs;					
P7. Evaluate, prepare, and communicate effectively on technical information to both technical and non-technical audience;					
P8. Work as an effective member of a team in the analysis, design, and development of software systems, with recognition of requirement to support equality, diversity, and inclusion;	✓	✓	✓	✓	✓
P9. Use project planning, risk management and quality management techniques in solutions to complex problems;					
P10. Build the capacity and desire for lifelong learning and to learn advanced and emerging technologies on one's own;	✓	✓	✓	✓	✓
P11. (For Business Intelligence specialization) Gain an in-depth knowledge of technologies related to data analysis and management of information to support business processes in enterprises;					
P12. (For Gaming Technology specialization) Acquire the general and advanced knowledge of current technologies and operating environment for the development of the gaming and tourism industry;					
P13. (For Computer Education specialization) Acquire general and practical knowledge of computer education and its practicing environment in secondary education;					

MODULE SCHEDULE, COVERAGE AND STUDY LOAD

Week	Content Coverage	Contact Hours
1-3	Mountain running	3
4-6	Tchoukball	7
7-8	Aerobics	10
9-10	Sword Strike	6
11-12	Health Qigong	10
13-15	Table tennis	9

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
T1. Lectures	✓				✓
T2. Practices		✓	✓	✓	
T3. Video Review	✓	✓	✓		✓

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 (%)	AHEP4 LOs	ILOs to be Assessed
A1. Skill tests	60%	C16, C17	M2、M3
A2. Class practices	40%	C16, C17	M3、M4

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.

Students with an overall score of less than 35 in the coursework must take the re-sit examination even if the overall score for the module is 50 or above.

Students with a score of less than 35 in the final examination must take the re-sit examination even if the overall score for the module is 50 or above.

Students with an overall final grade of less than 35 are NOT allowed to take the re-sit examination.

REQUIRED READINGS

There is no official text for this module. Module notes are distributed in the module.

REFERENCES

There is no reference text for this module.

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