



**FACULTY OF APPLIED SCIENCES**  
**BACHELOR OF SCIENCE IN COMPUTING**  
**LEARNING MODULE OUTLINE**

|                       |                                             |               |                                                          |
|-----------------------|---------------------------------------------|---------------|----------------------------------------------------------|
| Academic Year         | 2024/2025                                   | Semester      | 2                                                        |
| Module Code           | MENG321                                     |               |                                                          |
| Learning Module       | English VI                                  |               |                                                          |
| Pre-requisite(s)      | MENG311 - English V                         |               |                                                          |
| Medium of Instruction | English                                     |               |                                                          |
| Credits               | 4                                           | Contact Hours | 60 hours                                                 |
| Instructor            | Zachary Chui<br>Constance Ho<br>Mary Cheung | Email         | zchui@mpu.edu.mo<br>t1210@mpu.edu.mo<br>t0972@mpu.edu.mo |
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**MODULE DESCRIPTION**

This is the second half of a year-long module in Year 3 that aims to develop students' English language skills within an academic and technical framework at the upper intermediate level. All four macro skills (reading, listening, speaking, and writing) are covered in this module, with emphasis on refining formal communication skills. Students will gain knowledge of academic and technical writing skills, and will cultivate their interest and ability of self-sustained learning in English by reading and listening to technical and non-technical topics.

**MODULE INTENDED LEARNING OUTCOMES (ILOS)**

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

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M1. | Refine creative and critical thinking through communicative tasks and activities; (D4p)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| M2. | Develop communicative competence in reading, writing, listening and speaking; (D4p, D6p, EP4p) <ul style="list-style-type: none"><li>• Read at least 2 passages related to technology;</li><li>• Participate in technical research and writing practice; Submit 1 individual academic writing assignment;</li><li>• Listen to videos and recordings related to different topics, and be able to give correct answers and interact with other students through practice activities;</li><li>• Speak and communicate in activities that require students to prepare and give individual presentations on various topics.</li></ul> |
| M3. | Extend vocabulary related to IT and other different subjects; (EP4p)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| M4. | Develop and enhance self-learning in technical fields by reading articles related to IT and using other informational sources; (EP3p)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| M5. | Demonstrate competent knowledge of certain grammatical structures in both speaking and writing including, but not limited to: (1) different forms of gerunds and infinitives; (2) modal verbs; (3) indirect speech - reporting people's exact words. (D4p)                                                                                                                                                                                                                                                                                                                                                                       |



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;                                                                                                                 |    |    |    |    |    |
| P2. Evaluate computer systems in a local area network, and understand the additional requirements for connection to other networks through wide area networks;                                                                                  |    |    |    |    |    |
| P3. Be competent in system development in the Internet and the web platform;                                                                                                                                                                    |    |    |    |    |    |
| P4. Work independently to design and implement a relational database, with an emphasis on how to organise, maintain and retrieve information from a DBMS;                                                                                       |    |    |    |    |    |
| P5. Acquire essential knowledge in specific fields of computing disciplines including multimedia, security and artificial intelligence;                                                                                                         |    |    |    |    |    |
| P6. Acquire the perceptive skills needed to understand information presented in the form of UML diagram, flow chart or other industry standard formats;                                                                                         |    |    |    |    |    |
| P7. Understand the need for and use of the necessary mathematical techniques;                                                                                                                                                                   |    |    |    |    |    |
| P8. Work independently to develop an understanding of, and the knowledge and skills associated with the general support of computer systems and networks;                                                                                       |    |    |    |    |    |
| P9. Work as an effective member of a team in the analysis, design and development of software systems;                                                                                                                                          |    |    |    |    |    |
| P10. Use project planning and management techniques in systems development;                                                                                                                                                                     |    |    |    |    |    |
| P11. Understand the fundamental and operational issues of computer systems in business environments;                                                                                                                                            |    |    |    |    |    |
| P12. Equip with adequate written, oral communication and interpersonal skills;                                                                                                                                                                  | ✓  | ✓  | ✓  | ✓  | ✓  |
| P13. Build the capacity and desire for lifelong learning and to learn advanced and emerging technologies on one's own;                                                                                                                          | ✓  |    |    |    |    |
| P14. (For Enterprise Information Systems specialisation) Gain an in-depth understanding of the information technology related to enterprise information systems, with an emphasis on development of such systems to support business processes; |    |    |    |    |    |
| P15. (For Gaming Technology specialisation) Acquire the general and advanced knowledge of current technologies and operating environment in the gaming industry;                                                                                |    |    |    |    |    |
| P16. (For Computer Education specialisation) Acquire the 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     | 1. Module Introduction                                              | 3             |
| 2-4   | 2. Unit Topic: "Fame"                                               | 16            |
|       | 2.1 Vocabulary review                                               |               |
|       | 2.2 Grammar Focus: Use of gerunds and infinitives                   |               |
|       | 2.3 Grammar Focus: Different gerund and infinitive forms            |               |
|       | 2.4 Reading, listening, and writing practice                        |               |
|       | 2.5 Language Lab: Technical writing                                 |               |
| 4-7   | 3. Effective writing: Understanding active v passive styles         | 9             |
| 8-10  | 4. Unit Topic: "Strange But True"                                   | 17            |
|       | 4.1 Vocabulary review                                               |               |
|       | 4.2 Grammar Focus: Overview of modal verbs                          |               |
|       | 4.3 Grammar Focus: Modals in the past tense                         |               |
|       | 4.4 Reading, listening, and writing practice                        |               |
|       | 4.5 Language Lab: Technical writing                                 |               |
| 11-14 | 5. Unit Topic: "Media"                                              | 12            |
|       | 5.1 Vocabulary review                                               |               |
|       | 5.2 Grammar Focus: Reporting people's exact words (indirect speech) |               |
|       | 5.3 Grammar Focus: Verbs that summarize what people say             |               |
|       | 5.4 Reading, listening, and writing practice                        |               |
| 15    | Individual Presentation                                             | 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 | M5 |
|------------------------------------|----|----|----|----|----|
| T1. Lectures, case studies, videos | ✓  | ✓  | ✓  | ✓  | ✓  |
| T2. In-class exercises             | ✓  | ✓  | ✓  | ✓  | ✓  |

## 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 (%) | AHEP3 LOs        | ILOs to be Assessed |
|--------------------------------------------------------------------------|---------------|------------------|---------------------|
| A1. Assignments: Homework and In-class exercises                         | 15%           | (D4p, EP3p)      | M1, M2, M3, M4, M5  |
| A2. Individual writing assignment                                        | 7.5%          | (D4p, D6p, EP3p) | M1, M2, M3, M5      |
| A3. Individual presentation                                              | 7.5%          | (D4p, D6p, EP3p) | M1, M2, M3, M5      |
| A4. Language Lab: Technical research, writing practice, and presentation | 20%           | (D4p, EP4p)      | M1, M2, M3, M4, M5  |
| A5. Test                                                                 | 10%           | (D4p, EP4p)      | M1, M2, M3, M4, M5  |
| A6. Examination                                                          | 40%           | (D4p, EP4p)      | M1, M2, M3, M4, M5  |

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.

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**

1. Cunningham, S., Moor, P., & Bygrave, J. (2013). Cutting Edge Students' Book - Upper Intermediate, (3<sup>rd</sup> Edition), Pearson Education.
2. Lannon, John M. & Gurak, Laura J. (2011). Technical Communication, (12<sup>th</sup> Edition), Longman.

## **REFERENCES**

1. Comyns, J., Eales, F., & Williams, D. (2013). Cutting Edge Workbook - Upper Intermediate, (3rd Edition), Pearson Education.
2. Evans, A., Martin, K., & Poatsy, M. A. (2009). Technology in Action, (5th Edition), Longman.
3. Smith-Worthington, D., & Jefferson, S. (2011). Technical Writing for Success, Cengage Learning.
4. Berndtsson, M., Hansson, J., Olsson, B., & Lundell, B. (2008). Thesis Projects, A Guide for Students in Computer Science and Information Systems, (2nd Edition), Springer Publishing.
5. Christian, W. D. (2015). Projects in Computing and Information Systems, A Student's Guide, (3rd Edition). Pearson Education.

## **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/](http://www.mpu.edu.mo/student_handbook/).