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

FACULTY OF BUSINESS

BACHELOR OF E-COMMERCE

LEARNING MODULE OUTLINE

Academic Year	2024/2025	Semester	2
Module Code	ECOM3150-321		
Learning Module	E-Commerce Project Management		
Pre-requisite(s)	Nil		
Medium of Instruction	English		
Credits	3	Contact Hours	45
Instructor	Prof. Victor Chan	Email	vkychan@mpu.edu.mo
Office	Room M5-49, Meng Tak Building	Office Phone	8599-3322

MODULE DESCRIPTION

This learning module covers basic functions of project management including planning, estimating, scheduling, organizing, directing, controlling, and closing. Students will learn the skills of how to keep an e-commerce project on schedule, within budget, and according to specification through case studies. The learning module aims to provide students with a thorough understanding of the basic functions of project management and the underlying skills.

MODULE INTENDED LEARNING OUTCOMES (ILOS)

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

M1.	state the important purposes of project management,
M2.	select projects,
M3.	construct project management structures,
M4.	define projects,
M5.	estimate project times and costs,
M6.	develop project plans,
M7.	schedule resources and costs,
M8.	practise reducing project duration,
M9.	evaluate project progress and performance, and
M10.	apply the knowledge to real-world enterprises.

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

PILOs	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10
P1. Demonstrate an understanding of the business processes and operations and the skilful realization of information technologies required to practice electronic commerce;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P2. Apply knowledge in business, mathematics, programming, computing, web development, and database to address complex problems in the context of electronic commerce;	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P3. Analyze critically the effect of web technology use on organizational performance and develop electronic commerce strategies that fit organizational objectives;										
P4. Select and apply tools and technologies to effectively implement electronic commerce systems in business intelligence, enterprise resources planning, supply chain management, and customer relationship management;										
P5. Develop relationships, motivate others, manage conflicts, lead changes, and work across differences in multi-disciplinary electronic commerce projects;			✓							✓
P6. Communicate and work effectively using written and spoken word, non-verbal language, and electronic tools with fellow professionals and different stakeholders in the electronic commerce industry;			✓							✓
P7. Demonstrate a global electronic commerce perspective as evidenced by an understanding of foreign languages and the role of Macau as an interface between the East and the West;										
P8. Cope with and manage contemporary advancement related to electronic commerce development and demonstrate lifelong learning attitudes and abilities;										
P9. Conduct research and devise innovative electronic commerce models to exploit business opportunities; and										

P10. Reflect on professional responsibilities and keep up with the latest electronic commerce issues on legal, environmental, ethical, and societal considerations to benefit society comprehensively.									

MODULE SCHEDULE, COVERAGE AND STUDY LOAD

Week	Content Coverage	Contact Hours
1	Modern Project Management Organization Strategy and Project Selection	3
2	Organization: Structure Defining the Project	3
3	Defining the Project Estimating Project Times and Costs Developing a Project Plan	3
4	Developing a Project Plan Scheduling Resources and Costs	3
5	Scheduling Resources and Costs Reducing Project Duration	3
6	Progress and Performance Measurement and Evaluation Composite Report Presentation and/or Debriefing	3
7	Composite Report Presentation and/or Debriefing Organization Strategy and Project Selection: Practice	3
8	Organization Strategy and Project Selection: Practice Organization: Structure: Practice Defining the Project: Practice	3
9	Defining the Project: Practice	3
10	Defining the Project: Practice Estimating Project Times and Costs: Practice	3
11	Developing a Project Plan: Practice	3
12	Developing a Project Plan: Practice Scheduling Resources and Costs: Practice	3
13	Scheduling Resources and Costs: Practice	3
14	Scheduling Resources and Costs: Practice Progress and Performance Measurement and Evaluation: Practice	3
15	Progress and Performance Measurement and Evaluation: Practice	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	M6	M7	M8	M9	M10
T1. Lectures	✓	✓	✓	✓	✓	✓	✓	✓	✓	
T2. Case studies	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
T3. Group discussion	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
T4. Class practice	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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. Interim Report	30	M1 to M5 and M10
A2. Final Report	30	M5 to M10
A3. Composite Report	40	M1 to M10

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

Assessment Criterion	Level of Comprehensiveness				
	0 (0% - 29%)	1 (30% - 49%)	2 (50% - 69%)	3 (70% - 89%)	4 (90% - 100%)
The mission, the objectives and the strategies of an organization	Not relevantly presented	Vaguely presented and not discussed	Presented but not adequately discussed	Presented and somewhat adequately discussed	Clearly presented and adequately discussed
Project selection	Not relevantly presented	Vaguely presented and not discussed	Presented but not adequately discussed	Presented and somewhat adequately discussed	Clearly presented and adequately discussed
Project management structure	Not relevantly presented	Vaguely presented and not discussed	Presented but not adequately discussed	Presented and somewhat adequately discussed	Clearly presented and adequately discussed
Defining a project	Not relevantly presented	Vaguely presented and not discussed	Presented but not adequately discussed	Presented and somewhat adequately discussed	Clearly presented and adequately discussed
Estimating the times and/or costs of work packages or activities	Not relevantly presented	Vaguely presented and not discussed	Presented but not adequately discussed	Presented and somewhat adequately discussed	Clearly presented and adequately discussed
Project network(s) and project plan(s)	Not relevantly presented	Vaguely presented and not discussed	Presented but not adequately discussed	Presented and somewhat adequately discussed	Clearly presented and adequately discussed

Resource schedule(s), project cost baseline(s) or time-phased budget(s)	Not relevantly presented	Vaguely presented and not discussed	Presented but not adequately discussed	Presented and somewhat adequately discussed	Clearly presented and adequately discussed
Indexes to monitor progress and status report(s)	Not relevantly presented	Vaguely presented and not discussed	Presented but not adequately discussed	Presented and somewhat adequately discussed	Clearly presented and adequately discussed

Note: The above table only serves as a generic framework but may not apply absolutely and/or literally to every single point of the lengthy Reports.

REQUIRED READINGS

E. W. Larson, C. F. Gray and P. Sirisomboonsuk, 2024, Project Management: A Socio-Technical Approach, McGraw-Hill.

REFERENCES

https://www.mheducation.com/highered/product/project-management-socio-technical-approach-2024-release-larson-gray/M9781265060886.html

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/.