



FACULTY OF BUSINESS
MASTER OF SCIENCE IN FINANCE WITH DATA ANALYTICS
LEARNING MODULE OUTLINE

Academic Year	2024/2025	Semester	1
Module Code	FIDA6121-111/112		
Learning Module	Financial Statement Analysis and Business Ethical Standards		
Pre-requisite(s)	Nil		
Medium of Instruction	English		
Credits	3	Contact Hours	45
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MODULE DESCRIPTION

This course is designed to equip students with the insights and analytic techniques to critically analyze and interpret corporate financial reports and associated information from users' perspective in order to assess the "economic reality" of firms' financial status, operational results, risks and equity value.

This course will also provide students with an overview of business ethics and ethical management practices, with emphasis on the ethical responsibilities required of CFA Institute members. It is intended to demonstrate to the students how ethics can be integrated into business decisions and can be applied to their own careers.

MODULE INTENDED LEARNING OUTCOMES (ILOS)

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

M1.	Demonstrate reasonable level of knowledge regarding the regulatory and framework of financial reporting in global context, with emphasis in United States.
M2.	Analyze and explain the contents of a set of financial reports by using relevant financial analysis tools.
M3.	Apply relevant analytical tools in performing application analysis for sound financial and business decisions.
M4.	Evaluate practices, policies, and conduct relative to the CFA Institute Code of Ethics and Standards of Professional Conduct.
M5.	Demonstrate effective teamwork, communication and interpersonal skills and enhanced numerical skills and fluency in the use of Spreadsheet and PowerPoint.



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

PILOs	M1	M2	M3	M4	M5
P1. Master critical knowledge of financial theories, financial models and data analytics in finance and apply it to a wide range of complex financial issues.	✓	✓	✓		
P2. Expand knowledge of finance and data analytics through critically evaluating current issues informed by leading edge research and practice in the industry.	✓	✓	✓		
P3. Conduct applied research, particularly using data analytics, into financial issues through a rigorous and systematic approach.					
P4. Communicate effectively, written and orally, to both professional and non-professional audiences on local and global financial issues.					✓
P5. Demonstrate skills in time management, teamwork, leadership and independent study so that tasks can be planned and implemented at a professional level.					✓
P6. Identify and address ethical dilemmas and social responsibility issues to uphold high standards of integrity, professionalism and ethical behaviour.				✓	

MODULE SCHEDULE, COVERAGE AND STUDY LOAD

Week	Content Coverage	Contact Hours
1	Introduction to Financial Statement Analysis	3
2	Financial Reporting Standards	3
3	Understanding Income Statements	3
4	Understanding Balance Sheets	3
5	Understanding Cash Flow Statements	3
6	Financial Analysis Techniques	3
7	Inventories	3
8	Quiz and Mid-term Test	3
9	Long-Lived Assets	3
10	Non-Current (Long-Term) Liabilities	3
11	Financial Reporting Quality	3
12	Applications of Financial Statement Analysis	3
13	Code of Ethics and Standards of Professional Conduct	3
14	Project Presentations and Review	3



15	Final examination	3
	Total contact hours	45

TEACHING AND LEARNING ACTIVITIES

In this learning module, students will work towards attaining the ILOs through the following teaching and learning activities:

This course is primarily conducted by means of class lectures. A series of assignments and in-class tests will be used to assess students' understanding of the course materials. Mid-term test will be used to monitor students' progress and commitment of knowledge acquisition throughout the course. A comprehensive final examination will be used to assess students' overall performance at the end of the course.

TM1: Fundamental accounting concepts and principles as well as techniques related to financial statements analysis are delivered primarily by lectures with the aid of slides.

TM2: Short formative quizzes will be given at the end of the lessons. Discussions of case studies are part of the class activities in which teamwork will be encouraged. Current events with financial, accounting, and socio-economic implications will be raised in class to help students think and understand the linkage of the course learning with the current news events, the importance of the need of ongoing learning as well as to monitor progress of students' knowledge acquisition in financial reporting and analysis.

TM3: Students will be required to prepare for assignment besides class attendance, as they will be asked to work on problems or respond to conceptual issues in the readings.

In order to achieve the outcomes of this course, students are expected to perform the following learning tasks:

- Read and prepare assigned materials before class
- Review and work on exercises after class to evaluate understanding
- Attend seminars that help to expand the knowledge horizon
- Prepare and collect project information
- Prepare for test and final examination
- Seek advice from instructor for difficulties encountered
- Form study group to learn and practise skills and knowledge



ILO No.	TMs are primarily designed to assist students' understanding
M1, M2, M3, M4	TM1: Interactive lectures <ul style="list-style-type: none">- Lectures: in-depth coverage of business ethics, financial framework and analysis tools are presented using power point slides and other additional illustration materials as necessary- Q&A: time allowed to raise questions from both instructor and students
M1, M2, M3, M4	TM2: In-class learning activities <ul style="list-style-type: none">- Case studies: Students are expected to learn better using real-life examples. Therefore, case studies will be used as a teaching tool in the classroom so as to enhance student's learning experience.- Formative Quizzes: students will be required to take short quizzes at the end of the class to review what they learn.
M5	TM3: Group Project and Presentation <ul style="list-style-type: none">- Students are required to complete assigned questions and problems.- Each student will be required to present in a group presentation and submit a written report of their presentation. Individual presentation skills will be assessed.

ATTENDANCE

Attendance requirements are governed by the Academic Regulations Governing Master'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:

ILO No.	Description	Weighting (%)	Assessment Types
M1-M4	Quiz	5%	Formative assessment
M1-M5	Group Project	20%	Formative assessment
M1-M4	Mid-term Test	25%	Summative assessment
M1-M4	Final Examination	50%	Summative assessment
	Total Percentage:	<u>100.0%</u>	

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 Rubrics)

	Assessment Tasks	Criteria	Excellent (A, A-)	Very Good, Good (B+, B, B-)	Satisfactory (C+, C, C-)	Pass (D+, D)	Fail (F)
			88-100	73 - 87	58 - 72	50 - 57	0 – 49
1.	Class Learning Activities	Demonstrate the understanding of the subjects covered in classes and show active learning attitude	High	Significant	Moderate	Basic	Not even reaching marginal levels
2.	Assignments	Demonstrate the ability to answer questions on topics covered in the outline	High	Significant	Moderate	Basic	Not even reaching marginal levels
3.	Team Project	Demonstrate the understanding of the subject and the arguments are articulated and organized in terms of verbal presentation and report writing	High	Significant	Moderate	Basic	Not even reaching marginal levels
4.	Final examination	Demonstrate the ability to identify and apply appropriate concepts, methods and techniques covered in classes	High	Significant	Moderate	Basic	Not even reaching marginal levels

REQUIRED READINGS

1. Robinson, T. R. (2020). International financial statement analysis, John Wiley & Sons.

REFERENCES

Reference book(s)

1. Danny Leiwy & Robert Perks, Accounting, Understanding and Practice, 4th edition, McGraw-Hill.
2. Gibson, C.H., Financial Reporting and Analysis: Using Financial Accounting Information, 13th edition, South-Western Cengage Publishing Co.
3. Palepu, Bernard & Healy, Business Analysis & Valuation, 5th edition, International Thomson Publishing.



4. Penman, S., Financial Statement Analysis and Security Valuation, 5th Edition, McGraw Hill.
5. International Accounting Standard Board www.ifrs.org
6. Nelson Lam & Peter Lau, Intermediate Financial Reporting –An IFRS Perspective, 3rd edition

Website(s)

Code and Standards and Interpretive Guidance <https://www.cfainstitute.org/en/ethics-standards/ethics/code-of-ethics-standards-of-conduct-guidance>

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/.