



Course Specifications

Course Title:	Computer Applications in Finance
Course Code:	Fin1323
Program:	Finance and Banking
Department:	Finance & Banking
College:	College of Business Administration
Institution:	Dar Al Uloom University

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A. Course Identification

1. Credit hours:
2. Course type
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered: Sixth / 3 rd year
4. Pre-requisites for this course (if any): FIN1311
5. Co-requisites for this course (if any): NIL

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	45	%100
2	Blended		
3	E-learning		
4	Distance learning		
5	Other		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	45
2	Laboratory/Studio	
3	Tutorial	
4	Others (specify)	
	Total	45

B. Course Objectives and Learning Outcomes

<p>1. Course Description</p> <p>The course is application of computer software (spreadsheet) in formulating and analyzing problems in Finance. The course is specifically designed to encourage use of sensitivity and "what if" projections, in financial modeling, financial statement analysis; capital budgeting, and cash flow projections; investment analysis and break even and leverage analysis.</p>
<p>2. Course Main Objective</p> <ul style="list-style-type: none"> • work on computer software (spreadsheet) • build simple financial models • perform financial forecasting and planning • apply major financial and investment techniques learned in excel.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding	
1.1	Recall key financial concepts and formulas in finance	K1
1.2	Recall the functioning both MS Excel and its applications in finance	K2
1.3	Reproduce financial statement by building spreadsheets.	K3 K2
2	Skills :	
2.1	Distinguish financial models for financial statement analysis, budgeting, forecasting, constructing scenarios and investment decisions	S1
2.2	Apply the advanced features of spreadsheets to deal with complex analyses.	S1
3	Values:	
3.1	Show efficiency in independent learning and adopt cognitive curiosity in solving problems.	V2
3.2	Exhibit leadership skills in team management and resolve finance issues.	V3

C. Course Content

No	List of Topics	Contact Hours
1	Spreadsheet Basics	9
2	The Basic Financial Statements	6
3	The Cash Budget	6
4	Evaluating Performance with Financial Ratios	6
5	Financial Forecasting	6
6	Breakeven and Leveraging Analysis	6
7	The Time Value of Money	6
Total		45

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge and Understanding		
1.1	Recall key financial concepts and formulas in finance	<ul style="list-style-type: none"> Direct 	<ul style="list-style-type: none"> Exams Quiz (labworks)
1.2	Recall the functioning both MS Excel and its applications in finance	<ul style="list-style-type: none"> Direct 	<ul style="list-style-type: none"> Exams Quiz (labworks)
1.3	Reproduce financial statement by building spreadsheets.	<ul style="list-style-type: none"> Direct 	<ul style="list-style-type: none"> Exams Quiz (labworks)
2.0	Skills		
2.1	Distinguish financial models for financial statement analysis, budgeting, forecasting,	<ul style="list-style-type: none"> Direct Interactive 	<ul style="list-style-type: none"> Exams Quiz (labworks) Projects

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	constructing scenarios and investment decisions		
2.2	Apply the advanced features of spreadsheets to deal with complex analyses.	<ul style="list-style-type: none"> • Direct • Interactive 	<ul style="list-style-type: none"> • Exams • Quiz (labworks) • Projects
3.0	Values		
3.1	Show efficiency in independent learning and adopt cognitive curiosity in solving problems.	<ul style="list-style-type: none"> • Interactive 	<ul style="list-style-type: none"> • Project
3.2	Exhibit leadership skills in team management and resolve finance issues.	<ul style="list-style-type: none"> • Interactive 	<ul style="list-style-type: none"> • Project
...			

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quiz	5,12	10%
2	Homeworks	4,10,14	20%
3	Mid term	8	30%
4	Final Exam	15	40%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

1. Eight Office hours weekly can be booked through the students' SIS account.
2. Online discussion through the LMS forums and instant messaging.
3. Instructor email available in the course syllabus.
4. Occasional mobile calls or SMS for urgent messages.

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Mayes, T.R. and Shank, T.M. (2012). Financial Analysis with Microsoft Excel (6th Edition). Thomson South-Western. ISBN-13: 978-1111826246; ISBN-10: 1111826242
Essential References Materials	Financial Software Journals, Software Magazines
Electronic Materials	Video clippings available on LMS and lecture theatre equipped with LCD and audio and video facilities

Other Learning Materials	Articles and Research Papers
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2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classroom.
Technology Resources (AV, data show, Smart Board, software, etc.)	Data show + smart boards.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Internet access point.

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
End of semester Course Evaluation.	Students	Indirect
Effectiveness of teaching and assessment.	Peer reviewer	Indirect
Course learning outcomes assessment.	Faculty members	Direct
Quality of learning resources	Students	Indirect

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Finance Department
Reference No.	Meeting No.3 Second Semester 2021/2022
Date	17 th March, 2022

