



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

Table of Contents

A. Course Identification	3
6. Mode of Instruction (mark all that apply)	3
B. Course Objectives and Learning Outcomes	4
1. Course Description	4
2. Course Main Objective.....	4
3. Course Learning Outcomes	4
C. Course Content	4
D. Teaching and Assessment	5
1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods	5
2. Assessment Tasks for Students	5
E. Student Academic Counseling and Support	5
F. Learning Resources and Facilities	6
1. Learning Resources	6
2. Facilities Required.....	6
G. Course Quality Evaluation	6
H. Specification Approval Data	7

7. Course Identification

1. Credit hours:	3 Hours
2. Course type	
a.	University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input 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 / 3rd 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	Correspondence		
5	Other		

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	
2	Laboratory/Studio	45
3	Tutorial	
4	Others (specify)	
	Total	45
Other Learning Hours*		
1	Study	1
2	Assignments	1
3	Library	
4	Projects/Research Essays/Theses	2
5	Others (specify)	
	Total	4

* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

B. Course Objectives and Learning Outcomes

1. Course Description

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.

2. Course Main Objective

- 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:	
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 K4
2	Skills:	
2.1	Distinguish financial models for financial statement analysis, budgeting, forecasting, constructing scenarios and investment decisions	S2
2.2	Apply the advanced features of spreadsheets to deal with complex analyses.	S2
3	Competence:	
3.1	Illustrate team skills to work in groups assignments and projects	C1
3.2	Point-out self-management skills and adopt ethical practices in completing the assessments.	C2
3.3	Develop excellence in numerical & technological ability by developing financial models in using financial applications (Microsoft Excel)	C3,C4

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	Knowledge		
1.1	Recall key financial concepts and formulas in finance	Direct Instruction	<ul style="list-style-type: none"> Exams Quiz (labworks)
1.2	Recall the functioning both MS Excel and its applications in finance	Direct Instruction	<ul style="list-style-type: none"> Exams Quiz (labworks)
1.3	Reproduce financial statement by building spreadsheets.	Direct Instruction	<ul style="list-style-type: none"> Exams Quiz (labworks)
2.0	Skills		
2.1	Distinguish financial models for financial statement analysis, budgeting, forecasting, constructing scenarios and investment decisions	Direct Instruction Interactive Instruction	<ul style="list-style-type: none"> Exams Quiz (labworks) Projects
2.2	Apply the advanced features of spreadsheets to deal with complex analyses.	Direct Instruction Interactive Instruction	<ul style="list-style-type: none"> Exams Quiz (labworks) Projects
3.0	Competence		
3.1	Illustrate team skills to work in groups assignments and projects	Interactive Instruction	<ul style="list-style-type: none"> Project
3.2	Point-out self-management skills and adopt ethical practices in completing the assessments.	Interactive Instruction	<ul style="list-style-type: none"> Project
3.3	Develop excellence in numerical & technological ability by developing financial models in using financial applications (Microsoft Excel)	Interactive Instruction	<ul style="list-style-type: none"> Project

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quiz	4 th - 5 th	10%
2	HomeWorks /Assessments / Projects	5 th - 10 th	20%
3	Mid term	9 th - 10 th	30%
4	Final Exam	13 th -15 th	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

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Computer Lab
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.	<ul style="list-style-type: none"> • Students 	<ul style="list-style-type: none"> • Indirect
Effectiveness of teaching and assessment.	<ul style="list-style-type: none"> • Peer reviewer 	<ul style="list-style-type: none"> • Indirect
Course learning outcomes assessment.	<ul style="list-style-type: none"> • Faculty members 	<ul style="list-style-type: none"> • Direct
Quality of learning resources	<ul style="list-style-type: none"> • Students 	<ul style="list-style-type: none"> • 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 (First semester 2018/2019)
Reference No.	Meeting number 6
Date	2018