اعتماد
NCAAA

T4

2020

Course Specifications

Course Title:	Applied Finance Lab
Course Code:	FIN 472
Program:	Bachelors in Finance (BS)
Department:	Finance
College:	College of Business Administration
Institution:	Prince Sultan University

Table of Contents

A. Course Identification

1. Credit hours: 2				

2. Course type

a.   University ☐   College ☐   Department ☑   Others ☐

b.   Required ☑   Elective ☐

3. Level/year at which this course is offered:

4. Pre-requisites for this course (if any)**:**
1.   FIN310
2.   FIN320

5. Co-requisites for this course (if any)**:**

NA

6. Mode of Instruction (mark all that apply)

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

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	15
2	**Laboratory/Studio**	30
3	**Tutorial**	
4	**Others** (specify)	
	Total	45

B. Course Objectives and Learning Outcomes

1. Course Description

This course will be an advance level based on 'action learning' concept. Purpose of this course to bridge the gap between theory and practice as well as introducing them to the broaden financial community. The course offers hands-on experience with the latest technology, research tools, and databases to solve practical business problems, specifically in the financial markets. It provides the students with an opportunity to expand their classroom learning into the real world. Moreover, this will enable them to apply their existing knowledge as well as learning new skills by integrating use of information technology for better financial decision making.

2. Course Main Objective

Main objectives of this course are:
- Hands-on experience with the latest technology, research tools, and databases to solve practical business problems.
- Integrating use of information technology for better financial decision
- To broaden financial community.

	● Use of real time data and exposure to the financial world.

3. Course Learning Outcomes

	CLOs	Aligned-PLOs
1	**Knowledge and Understanding**	
1.1	Recognize the importance of finance knowledge in real world	PLO1 &5b
2	**Skills :**	
2.1	Appraise the risk profile of firms; specifically, estimate the costs of capital, including debt and equity capital using financial data.	PLO 1 &2
2.2	Discover Real-World business solutions by using research tools and databases.	PLO3,4a,4b
2.3	Apply teamwork knowledge and skills for effective collaboration.	PLO 3,4a, 4b,5b
2.4	Demonstrate good communication and numerical/cognitive skills through classroom/lab discussions and report writing/model/software code or combination of deliverables	PLO 4a,4b,5a
3	**Values:**	
	NA	

C. Course Content

No	List of Topics	Contact Hours
1	Recap of Corporate Finance & Investment World	3
2	Investment analysis & portfolio management	3
3	Borrowing and capital structure decisions	3
4	Company's Valuation, Fintech & derivatives	6
5	Bloomberg Lab Introduction to basic functions	6
6	Bloomberg terminal- Cost of capital WAAC	6
7	Bloomberg Lab- Investment risk analysis of chosen company/project	6
8	Bloomberg Lab – Valuation analysis	6
9	Bloomberg Lab – Fintech innovation	6
10	Bloomberg Lab-Derivatives	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**		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.1	Recognize the importance of finance knowledge in real world	Lecture & Lab, Assignments on LMS, Group work, Guest speaker talks from Industry	Major exam, final examination &Term Project
2.0			
2.1	Appraise the risk profile of firms; specifically, estimate the costs of capital, including debt and equity capital using financial data.	Lecture & Lab, Assignments on LMS, Group work, Guest speaker talks from Industry	Major exam, final examination &Term Project
2.2	Discover Real-World business solutions by using research tools and databases.	Lecture & Lab, Assignments on LMS, Group work, Guest speaker talks from Industry	Major exam, final examination &Term Project
2.3	Apply teamwork knowledge and skills for effective collaboration.	Lecture & Lab, Assignments on LMS, Group work, Guest speaker talks from Industry	Major exam, final examination &Term Project
2.4	Demonstrate good communication and numerical/cognitive skills through classroom/lab discussions and report writing/model/software code or combination of deliverables	Lecture & Lab, Assignments on LMS, Group work, Guest speaker talks from Industry	Major exam, final examination &Term Project
…			
3.0	**Values**		
3.1			
…			

2. Assessment Tasks for Students

#	*Assessment task	Week Due	Percentage of Total Assessment Score
1	Major Exam	7	20%
2	Lab Assignments	throughout	10%
3	Term Project	13	30%
4	Final Exam	15	40%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)
Term Project may include the following topics after consultation with the industry mentor
Investment Research
Venture Capital, PE and Impact Investing
Trading and Risk Analysis

E. Student Academic Counseling and Support

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

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	1. Eugene F. Brigham and Michael C. Ehrhardt, and Fox, Financial Management Theory and Practice, 2nd Ed., Europe, Middle East and African Edition, South-Western, 2018. 2. Robert F. Bruner, Kenneth M. Eades, and Michael J. Schill, Case Studies In Finance. Managing for corporate value creation, 8th edition, McGraw-Hill, 2018.
Essential References Materials	Corporate Finance & Investment + My Finance Lab 8th Edition by Richard Pike
Electronic Materials	Bloomberg Terminals
Other Learning Materials	YouTube tutorials, Bloomberg tutorials. Reading material from research journals when applicable.

2. Facilities Required

Item	Resources
Accommodation Classrooms, laboratories, demonstration) (.rooms/labs, etc	Size of classroom must occupy maximum up to 25 students. Classroom with projector, computer, whiteboard, internet or WIFI
Technology Resources AV, data show, Smart Board, software,) (.etc	Bloomberg Lab, Internet access, Smart-Board
Other Resources Specify, e.g. if specific laboratory) equipment is required, list requirements or (attach a list	

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	Student's evaluation survey (SES)
Quality of learning resources	Students & Peer Reviewer	Focus group discussion
Extent of achievement of course learning	Chairperson	Class Observation and general feedback

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	
Reference No.	
Date	