



# Course Specification

— (Bachelor)

Course Title: **FinTech: Foundations and Applications**

Course Code: **FIN 437**

Program: **BSC. Finance**

Department: **Department of Economics and Finance**

College: **College of Business Administration**

Institution: **University of Ha'il**

Version: **Version Three**

Last Revision Date: 05 Feb. 2024

## Table of Contents

<b>A. General information about the course:</b> .....	3
<b>B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods</b> .....	4
<b>C. Course Content</b> .....	6
<b>D. Students Assessment Activities</b> .....	6
<b>E. Learning Resources and Facilities</b> .....	6
<b>F. Assessment of Course Quality</b> .....	7
<b>G. Specification Approval</b> .....	8

## A. General information about the course:

### 1. Course Identification

1. Credit hours: ( 3Hrs )

#### 2. Course type

A. ☐ University ☐ College ☒ Department ☐ Track ☐ Others  
B. ☐ Required ☒ Elective

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

#### 4. Course general Description:

This course is designed for students who are interested in the transformation of banking and financial services through financial technologies – known commonly as “Fintech”. This label covers a range of technologies that enable consumers to access financial services over their mobile phone or the internet. Through the many innovations introduced over the past ten years, retail customers can take out a loan, make a payment, transfer money overseas, or invest their savings electronically. Customers enjoy a better experience at a lower cost by transacting via a simple interface that is easier to navigate than traditional brick-and-mortar businesses. In addition, for many of these services, customers bypass traditional financial intermediaries who have profited from this activity, such as banks, mutual fund dealers, and money transfer companies

#### 5. Pre-requirements for this course (if any):

MIS103, FIN 440 & FIN 445

#### 6. Co-requirements for this course (if any):

NA

#### 7. Course Main Objective(s):

The main objective of this course is to familiarize students with the transformation of banking and financial services through financial technologies – known commonly as “Fintech”.

### 2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	45	100%
2	E-learning	0	0%





No	Mode of Instruction	Contact Hours	Percentage
3	Hybrid <ul style="list-style-type: none"> <li>Traditional classroom</li> <li>E-learning</li> </ul>	0	0%
4	Distance learning	0	0%

### 3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	45
2.	Laboratory/Studio	0
3.	Field	0
4.	Tutorial	0
5.	Others (specify)	0
Total		45

## B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	<i>Describe the impact that Fintech will have on financial services and make a strategic recommendation to an industry player on how they should respond.</i>	K3	1. Lectures 2. Class Discussion	Direct: 1. Homework 2. Midterm Exam 3. Final exam Indirect: Course Evaluation survey by students
1.2	<i>Define the value proposition and to quantify the market opportunity for a Fintech solution and make a recommendation on</i>	K3	1. Lectures 2. Class Discussion	Direct: 1. Quizzes 2. Homework 3. Midterm Exam 4. Final Exams Indirect:





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	<i>how to grow the business.</i>			Course Evaluation survey by students
<b>2.0</b>	<b>Skills</b>			
2.1	<i>Evaluate and quantify the potential disruption to different lines of businesses.</i>	S2	1. Lectures 2. Cooperative learning	Direct: 1. Assignments 2. Quizzes 3. Midterm exam 4. Final Exam Indirect: Course Evaluation survey by students
2.2	<i>Examine financial incumbent, a non-traditional financial services firm or a regulator and and present their analysis to a venture capitalist.</i>	S3	1. Lectures 2. Cooperative learning	Direct: 1. Assignments 2. Quizzes 3. Lab Exam 4. Midterm exam 5. Final Exam Indirect: Course Evaluation survey by students
2.3	<i>Analyze career and investment opportunities in the fast-changing Fintech space.</i>	S4	1. Lectures 2. Problem Solving 3. Class discussion	Direct: 1. Homework 2. Midterm Exam 3. Final exam Indirect: Course Evaluation survey by students
<b>3.0</b>	<b>Values, autonomy, and responsibility</b>			
3.1	Be ethical when working in a team to do FinTech assignments.	V1	1. Class Discussion 2. Learning in groups 3. Presentation	Direct: 1. Presentation 2. Group Research Report





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
				Indirect: Course Evaluation survey by students

### C. Course Content

No	List of Topics	Contact Hours
1.	Chapter 1. Introduction to Fintech; Innovation and Technology	7
2.	Chapter 2. Innovation in Financial Services; Defining Disruptive Innovation	6
3	Chapter 3. Blockchain and Cryptocurrencies; Blockchain Business Models	6
4	Chapter 4. Disruption in the Five Financial Functions	6
5	Chapter 5. Fintech Valuation; Booms and Busts	5
6	Chapter 6. Operations and Technology; Regulatory Risks	5
7	Chapter 7. Cyber security, Fraud, and Crime	5
8	Chapter 8. Financial Inclusion and Exclusion; Fintech's Future	5
Total		45

### D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	LAB Exam	1-7 and 8-14 <sup>th</sup>	10%
2.	Participation in Extra Curriculum Activities and Assignments/Homework	3-15 <sup>th</sup>	5%
3.	Quizzes	2 <sup>th</sup> & 7 <sup>th</sup>	5%
4.	MID TERM	8 <sup>th</sup>	30%
5.	Final Exam	16 <sup>th</sup>	50%

\*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

### E. Learning Resources and Facilities

#### 1. References and Learning Resources

Essential References	Textbook: “The Technological Revolution in Financial Services”, edited by Michael King and Richard Nesbitt and published by University of Toronto Press, 2020.
----------------------	--





<b>Supportive References</b>	<b>Textbook:</b> All other materials used for this course, including cases, will be provided digitally.
<b>Electronic Materials</b>	<b>Library Online Databases of the university -</b> <a href="http://libsys.uoh.edu.sa:2048/login">http://libsys.uoh.edu.sa:2048/login</a> <b>Blackboard -</b> <a href="http://www.uoh.edu.sa/MediaCenter/Advertisements/Pages/blackboard-tutorial.aspx">http://www.uoh.edu.sa/MediaCenter/Advertisements/Pages/blackboard-tutorial.aspx</a>
<b>Other Learning Materials</b>	

## 2. Required Facilities and equipment

Items	Resources
<b>facilities</b> (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classrooms
<b>Technology equipment</b> (projector, smart board, software)	Smart Board, <b>Projector</b>
<b>Other equipment</b> (depending on the nature of the specialty)	N/A

## F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Chairperson & Peers (PAAAP) Class Observation (using class observation form) Students Course Evaluation Survey (CES)	Direct Indirect
Effectiveness of Students assessment	Reviewer (faculty from the same department) Reviewing the exam paper Co-signing the grades. Unified Mid-term/Final Exams	Direct
Quality of learning resources	Instructor (Course Report). Students Course Evaluation Survey (CES)	Direct Indirect
The extent to which CLOs have been achieved	Instructor Direct Method (CLOs Assessment Form for all assessment methods) (Students CLO Assessment Survey)	Direct Indirect
Other		

**Assessors** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)



## G. Specification Approval

COUNCIL /COMMITTEE	DEP. COUNCIL OF ECONOMICS AND FINANCE
REFERENCE NO.	
DATE	2023/11/12







المملكة العربية السعودية  
وزارة التعليم  
جامعة حائل  
كلية إدارة الأعمال  
قسم الاقتصاد والتمويل

التاريخ:

1445/04/28 هـ

2023/11/12 م

الموضوع:

محضر مجلس قسم الاقتصاد والتمويل الثالث  
للعام الأكاديمي 1444 / 1445 هـ

### رقم الموضوع (1)

الموضوع	كافة توصيف المقررات لبرنامج المالية على النموذج المحدث للمركز الوطني للتقويم والاعتماد الوطني 2023 Course Specifications of finance program On the updated form of the National Center for National Evaluation and Accreditation 2023
البرنامج	التمويل
التصنيف	شؤون الجودة
	Finance
	Quality affairs

#### • مناقشة مجلس القسم:

ناقش مجلس القسم كافة توصيف المقررات لبرنامج المالية على النموذج المحدث للمركز الوطني للتقويم والاعتماد الوطني 2023. وذلك حسب التقرير المرفق.

The department council discussed on course specifications of finance program on the updated form of the National Center for National Evaluation and Accreditation 2023. As per the attached report.

#### • توصية مجلس القسم:

يوصي مجلس القسم بالموافقة على اعتماد كافة توصيف المقررات لبرنامج المالية على النموذج المحدث للمركز الوطني للتقويم والاعتماد الوطني 2023

The department council recommended approval of course specifications of finance program on the updated form of the National Center for National Evaluation and Accreditation 2023

التوقيع:

• مصادقة رئيس القسم / د. عبد الحميد الشمري



المملكة العربية السعودية  
وزارة التعليم  
جامعة حائل  
كلية إدارة الأعمال  
قسم الاقتصاد والتمويل

التاريخ:

1445/04/28 هـ  
2023/11/12 م

الموضوع:

محضر مجلس قسم الاقتصاد والتمويل الثالث  
للعام الأكاديمي 1445 /1444 هـ

• مصادقة أعضاء مجلس القسم على الموضوع (1)

الموضوع رقم	1	اعتماد موضوع / توصيف المقررات 2023 Approval of / course specifications- 2023	التوصية بالموافقة على توصيف المقررات 2023 Agree for / course specifications -2023
----------------	---	---	--

الرقم	الاسم Name	الرقم الوظيفي UOH ID	التصويت Vote		التوقيع Signature
			موافق	غير موافق	
1	رئيس قسم الاقتصاد والتمويل د. عبدالحميد فرحان الشمري	2339580	✓		
2	د. عبدالكريم احمد عامر	7030662	✓		
3	د. محمد سيف الإسلام	7170032	✓		
4	د. إبراهيم عبد الرسول	7190188	✓		
5	د. فخري عالم	7150353	✓		
6	د. رايس احمد	7151492	✓		
7	د. ثاقب منير	7170065	✓		
8	د. مظهر حسين	7190419	✓		
9	د. طاهر اختر	7190412	✓		
10	د. شعيب خان	7180225	✓		
11	د. كوثر حمراني	7151012	✓		
12	د. ريجيس أرونا	7152432	✓		
13	د. عواطف الوحيشي	7190204	✓		
14	د. حبيب حسين خان	7190652	✓		
15	د. هاله الغزالي	7180506	✓		
16	د. وليد سعود الغصائب	2360650	✓		
17	د. سليمان عبدالله	7170062	✓		
18	د. وليد يوسف الشاعر	2340610	✓		