



Course Specifications

Course Title:	BANKING TECHNOLOGY
Course Code:	484 FIBA
Program:	BBA
Department:	Finance and Banking
College:	College of Business Administration
Institution:	Jazan University

Table of Contents

A. Course Identification	3
6. Mode of Instruction (mark all that apply)	3
B. Course Objectives and Learning Outcomes	3
1. Course Description	3
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	6
E. Student Academic Counseling and Support	6
F. Learning Resources and Facilities	6
1. Learning Resources	6
2. Facilities Required.....	7
G. Course Quality Evaluation	7
H. Specification Approval Data	7

A. Course Identification

1. Credit hours: 3 Hours per week
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: 7/4
4. Pre-requisites for this course (if any): None
5. Co-requisites for this course (if any): None

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 (Blackboard)	3 x 15 = 45
2	Laboratory/Studio	
3	Tutorial	
4	Others	
	Total	45

B. Course Objectives and Learning Outcomes

1. Course Description: This course basically provides a deep insight of information technology used in the area of banking and finance. People working as finance professionals often find it difficult to provide instant and accurate information. This eventually affects their marketing performance and impedes the decision making process of their clients. Technology therefore has to be used to solve this situation by the finance professionals. These technologies include different financing software, calculation devices, information technology and different types of computers. This course basically provides a deep insight of information technology used in finance and banking sector.

2. Course Main Objective:

- To develop the required skills needed for successful use of IT in financial operations of a concern.
- To familiarize the students with the use of information technology in the field of finance.
- To develop the skills to use banking technology for financial operations.
- To teach techniques and approaches to students so that they may analyze and develop business systems more effectively and efficiently.
- To prepare students to acquire required knowledge and skills for practical banking operations.
- To develop understanding of Core Banking.
- To enhance understanding of Banking Channels and Payments.
- To develop knowledge about practices on Banking Technology.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding	
1.1	Acquire knowledge of Core Banking Solution components and banking software	K1
1.2	Understand Banking environment, products, processes and technologies supporting them by focusing on processes and solutions from an end-to-end - front, middle, back office role	K2 K3
2	Skills :	
2.1	Apply practically in real world situation the understanding of banking channels and payments gateways	S1
2.2	Use various technological applications to enhance the competitive edges of banks, investment, security and regulatory issues.	S2
3	Values:	
3.1	Realize and appraise the ethical and moral values and act responsibly in professional forums	V1
3.2	Incorporate subject matter with case studies and hands-on learning working on real life world class banking systems in a modern banking environment	V2

C. Course Content

No	List of Topics	Contact Hours	CLOs
1	Ch. 1: Banking Technology: <ul style="list-style-type: none"> • Meaning • Core banking & its features • Electronic Banking & its advantages • Tele Services & its advantages • Phone Banking • Home banking • Internet Banking, its uses & its advantages and disadvantage • Mobile Banking • Problems in developing mobile banking • Advantages of mobile banking • Problematic issues in E- Banking 	9	K1.1 K1.2 S2.1 V3.1

	<ul style="list-style-type: none"> • Cash Dispensers: ATM and its uses • Electronic payments for goods (EFTPOS) 		
2	Ch. 2: Online Banking: <ul style="list-style-type: none"> • Meaning • PIN (Personal Identification Number); meaning & types • Bank Cards; types and uses • Bank Machines; types and uses • Credit cards • Electronic Signature; uses, advantages & disadvantages • Cheque Truncation System; meaning and uses • Microfiche • Currency Counting Machine • Banknote Counters • Coin Sorter 	9	K1.1 K1.2 S2.1 S2.2 V3.1
3	Ch. 3: Electronic Funds Transfer & Financial Telecommunication: <ul style="list-style-type: none"> • Meaning (EFT) • Network telex • SWIFT and its uses • RTGS (Real Time Gross Settlement) 	6	K1.2 S2.1
4	Ch. 4: Bank Net: <ul style="list-style-type: none"> • Concept • Nic Net • Modern Banking Technology • IT and Banks • IT Audit • Information Security Audit • Infosec 	6	K1.1 K1.2 S2.2
5	Presentations	9	
6	Revision	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	Acquire knowledge of Core Banking Solution components and banking software	Explanation of the concept, current/modern banking environment in the presence of information technology with help of regular lectures, videos about the products and processes used by banks	Mid term Quiz Final exam
1.2	Understand Banking environment, products, processes and technologies supporting them by focusing on processes and solutions from an end-to-end - front, middle, back office role		
2.0	Skills :		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.1	Apply practically in real world situation the understanding of banking channels and payments gateways	Explanation of how the modern banking system has eased the usage of its services with new software and products with the help of regular lectures and videos.	Mid term Quiz Final exam
2.2	Use various technological applications to enhance the competitive edges of banks, investment, security and regulatory issues.		
3.0	Values:		
3.1	Realize and appraise the ethical and moral values and act responsibly in professional forums	Explanation of the importance of the secrecy of data and how to maintain it. Study of new softwares and hardwares used in the banking industry by giving them presentation projects.	Mid term Quiz Final exam Presentations
3.2	To combine subject matter with case studies and hands-on learning working on real life world class banking systems in a model banking environment		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Mid Term 1	Week 4	20%
2	Mid Term 2	Week 8	20%
2	Blackboard Assignment/ Presentation / Participation & Attendance	Week 6, 7 , 11 & 12	10%
3	Final Exam	Week 16	50%

*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 :

Students counseling is inevitable and indeed it is beneficial. There has to be some consultation for the students with weak understanding levels, and working with them to improve their weak areas.

Also, English language improvement program and Motivational-seminars for the students would be a great way to enhance their ability of understanding.

***Special arrangement is provided to the needy students during faculty's office hours.**

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	<p><u>Required Text :</u></p> <p>Banking Technology Handbook Jessica Keyes - Jum. I 1, 1439 AH - 591 pages</p> <p><u>(Recommended) :</u></p>
---------------------------	--

	Introduction to Modern Banking Technology and Management Vadlamani Ravi (Institute for Development and Research in Banking Technology, India)	
Essential References Materials	2. List Essential References Materials (Journals, Reports, etc.)	Not available
Electronic Materials	3. List Electronic Materials, Web Sites, Facebook, Twitter, etc.	Not available
Other Learning Materials	4. Other learning material such as computer-based programs/CD, professional standards or regulations and software. Youtube videos about different technologies and machines used by banks.	

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Appropriate classrooms are available with all the furniture
Technology Resources (AV, data show, Smart Board, software, etc.)	Internet facility is not available, Projectors are needed
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	NA

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	Course Evaluation Survey by students at the end of semester
Achievement of course learning outcomes	Students, Faculty, Program Leaders	Both direct and indirect methods are applied through Regular inspections to the classroom, students' and faculty's feedbacks with questionnaires, surveys etc.
Quality of learning resources	Students, Faculty, Program Leaders	


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	Name	Course coordinator	Course Instructors	
			Boys Section	Girls Section
	Tabassum Wajida		Dr Irfan Ahmed	Tabassum Wajida

	Sign.		QUALITY COMMITTEE
Reference No.	CS-FIBA484-20212		
Date	12.1.2021		