

1.	Course Title	Electronic Banking		
2.	Course Code	CICT4553		
3.	Status	Elective Major		
4.	Credit Hour	3 (2+1) 2 for lecture (2 hours per week x 14 weeks) 1 for lab (2 hours per week x 14 weeks)		
5.	Semester/Year	-		
6.	Prerequisites	CCPS3513 Web Programming		
7.	Teaching method:	Distance Learning (Electronic)		
8.	Evaluation	Assessment and Marking Percentage: Participation 5% Mid Sem Exam 10% Project 15% Exercises 20% Final Examination 50%		
9.	Lecturer			
10.	Objective of the Subject	<ul style="list-style-type: none">Understand the concepts of Electronic Banking, its system requirements and implementationBe familiar with the services and products of Electronic Banking as offered in many countriesLearn the security and privacy issues of Electronic BankingBe exposed to the features of a personal financial software like Microsoft Money Plus and Quicken 2008		
11.	Learning Outcomes	After completing this subject, it is expected that you will able to: <ul style="list-style-type: none">Explain the concepts of Electronic Banking, its system requirements and implementationIdentify and propose the appropriate services and products of Electronic Banking in consideration with their security and privacy issuesApply the appropriate features of a personal financial software to manage services offered by Electronic banking		
12.	Synopsis	This course will cover concepts of electronic banking, practices and implementation of electronic banking system, secured electronic banking, products and services of electronic bannking, considerations for the implementation of electrnic banking, cases related to electronic bankings, and personal financial software.		
13.	Topics	Details	Lecture (Hrs)	Lab (Hrs)
	Topic 1	Introduction to Electronic Banking <ul style="list-style-type: none">Electronic Banking & Virtual BankingBenefits of Electronic Banking	2	2
	Topic 2	<ul style="list-style-type: none">Delivery Channel of Electronic BankingThe Future of Electronic BankingAn Overview of Personal Financial Software	2	2
	Topic 3	Electronic Banking in Practice <ul style="list-style-type: none">Developments of Electronic BankingHome Banking & Internet Technology for Consumer Banking	2	2
	Topic 4	<ul style="list-style-type: none">Implementation of Remote BankingIssues and Challenges	2	2
	Topic 5	<ul style="list-style-type: none">Islamic Electronic Banking & Electronic Islamic BankingBasic Features of Personal Financial Software	2	2
	Topic 6	Secure Banking <ul style="list-style-type: none">Security in Electronic BankingCryptography Devices and TechniquesWebsite Authentication	2	2
	Topic 7	<ul style="list-style-type: none">Privacy Policy, Risk and PreventionE-Trust Models	2	2

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		<ul style="list-style-type: none">• Personal Financial Software Security Measures		
	Topic 8	Electronic Banking: Products and Services <ul style="list-style-type: none">• Anytime, Anywhere Banking• Web-enabled ATMs	2	2
	Topic 9	<ul style="list-style-type: none">• Remote Banking Solutions• Electronic & Mobile Payment	2	2
	Topic 10	<ul style="list-style-type: none">• Online Transaction and Investment• Managing accounts and investments on Electronic Banking	2	2
	Topic 11	Considerations for Electronic Banking <ul style="list-style-type: none">• Ethical and Privacy Issues• IS Auditing for Electronic Banking	2	2
	Topic 12	<ul style="list-style-type: none">• Legal and Standard of Compliance• Risk Assessment• Managing Documents and Statements on Electronic Banking	2	2
	Topic 13	Cases of Electronic Banking <ul style="list-style-type: none">• United States (e.g. First Bank)• United Kingdom (e.g. Barclays Bank)• Malaysia (e.g. Maybank and Bank Islam Malaysia Berhad)	2	2
	Topic 14	<ul style="list-style-type: none">• Middle-East (e.g. al-Rajhi Bank, Bank of Bahrain and Kuwait, Bank Muscat, and Dubai Islamic Bank)• Money management on Electronic Banking for Small Businesses	2	2
		Total contact hours	28	28
		Equivalent lecture hours	28	14
		Total lecture hours	42	
		Credit hours	3	
14.	Main reference:	1. Jayaram Kondabagil, Risk Management in Electronic Banking: Concepts and Best Practices , Wiley Finance, 2007 2. B.V. Scn Education, Electronic Banking: The Ultimate Guide to Business and Technology of Online Banking , Vieweg, 2001		
15	Additional References: Other Materials:	1. Microsoft, Microsoft Money Plus, Microsoft, 2008. 2. Intuit, Quicken 2008, Intuit Inc, 2008. All other materials will be available to students online.		