



**Marvel System**  
Where knowledge matters

## **PROGRAM OVERVIEW**

Universally Sustainable Education Suite (USES) in E-banking covers topics included Funds transfer, Cash Management, Bill payment, Bill presentment, Loan applications, Stored Value, Aggregation, Electronic Finder, Automated clearinghouse (ACH) transactions, Wireless Banking, Certification Authority. This course is particularly designed for Bank officers & Professionals of financial institutions.



### **Marvel System Steps to E-banking**

## **USES IN E-BANKING**

Session 1 – Introductory Concepts of E-banking

Session 2 - Technology-based Banking - Products & Services

Session 3 – Security & Privacy

Session 4 - Permissibility, Legal, and Compliance Issues

Session 5 - Cyber Crimes in E-banking

Session 6 - Key Findings of Successful E-banking

Session 7 – Question & Answer – Projects – Assignments – Thesis



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## **USES IN E-BANKING**

### **Session 1 – Introductory Concepts of E-banking**

Introduction to Computers & personal electronics – motivation - glossary & acronyms, computer networking - Internet technologies - information access & processing - Security & privacy – changing life style - acceptance & future

### **Session 2 - Technology-based Banking - Products & Services**

Balance inquiry, Transaction information, Funds transfer, Cash Management, Bill payment, Bill presentment, Loan applications, Stored Value, Aggregation, Electronic Finder, Automated clearinghouse (ACH) transactions, Internet Payments, Wireless Banking, Certification Authority, Data Storage

### **Session 3 – Security & Privacy**

Vendor Risk Issues, Security, Data Integrity, and Confidentiality, Authentication, Identity Verification, and Authorization, Strategic and Business Risks, Business Continuity Planning, Permissibility, Compliance, Legal Issues, and Computer Crimes, Cross Border and International Banking

### **Session 4 - Permissibility, Legal, and Compliance Issues**

Technology raises legal issues Technology creates consumer compliance issues (Electronic disclosures delivery, Web linking, customer confusion, and liability, fee income from web linking, fair lending issues, Reg. E application to aggregation services)

### **Session 5 - Cyber Crimes in E-banking**

Internet banking and payment systems may allow for new ways to conduct illegal and fraudulent activities (Unauthorized access to deny service or re-direct a website Identity theft resulting in unauthorized, or Money laundering, Phony Internet banks

### **Session 6 - Key Findings of Successful E-banking**

Active vendor management, Ongoing board involvement, Sufficient technical expertise, Proactive network security that effectively prevents, detects, and responds to intrusions, Strong authentication practices, Encrypted communications, Periodic compliance and legal reviews, Appropriate backup and recovery

### **Session 7 – Question & Answer – Projects – Assignments – Thesis**

Conclusion, Case Studies, Assignments and Projects, Workshop & Demonstrations, Hands outs and Hands on



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Faculty	Faculty of focus-sector & Informatics																		
Prerequisites	14 years of education or 5 years of working experience in focus-sector, candidates are required to provide evidence of sufficient competence in English to undertake study with English as the language of instruction.																		
Accreditation	not applicable																		
Distance Education	not applicable																		
Awards	not applicable																		
Availability	Program is currently available																		
Contact	Program Administrator Mob # +92-300-4102774 E-mail: mianwaqarpk@yahoo.com																		
International Students	not applicable																		
Career Options	This course is particularly designed for Bank officers & Professionals of financial institutions.																		
Program Availability:	Students must check to see when and where a course is offered before enrolling. See the course availability section in this paper for details.																		
Program Code	not applicable																		