Attachment 2

URSIT IMPLEMENTATION GUIDE
Adapted from the Information Systems Audit and Control Foundation
COBIT 2nd Edition

RATING FACTORS	Planning & Organization						Internet / Intranet						Enterprise Packaged Solutions					Client/Server Architecture						Workgroups and GroupWare					Network Management					
Technology Concerns to Management (Gartner Group) ➤	IT initiatives in line with business strategy	IT policies and corporate governance	Utilizing IT for competitive advantage	Consolidating the IT infrastructure	Reducing cost of IT ownership	Acquiring and developing skills	Unauthorized access to corporate network	Unauthorized access to confidential messages	Loss of integrity – corporate transactions	Leakage of confidential data	Interruption to service availability	Virus Infection	Failure to meet user requirements	Failure to integrate	Not compatible with technical infrastructure	Vendor support problems	Expensive/complex implementation	Failure to coordinate requirements	Access control problems	Not compatible with technical infrastructure	End user management problems	Control of software versions	High costs of ownership	Quality control	Access control	Informal procedures	Data integrity	Configuration control	Availability	Security	Configuration control	Incident management	Costs	Support and maintenance
Management																																		
Define a Strategic IT Plan	•		•										•		•			•	•				•											
Define the Information Architecture	•	•	•	•			•	•	•	•				•	•			•	•				•		•		•			•			•	
Determine the Technological Direction	•	•	•	•							•			•	•	•			•				•						•				•	•
Define the IT Organization and Relationships	•	•	•			•										•	•	•			•		•				•			•			•	•
Manage the Investment in IT		•			•												•					•											•	
Communicate Management Aims and Direction		•				•	•	•	•	•		•							•		•			•	•	•				•				
Manage Human Resources						•	•	•	•	•	•	•																		•				
Ensure Compliance with External Requirements		•					•	•	•	•									•					•	•					•				
Assess Risks		•	•				•	•	•	•									•					•						•				
Manage Projects	•												•	•	•			•	•				•	•	•	•				•				
Manage Quality																	•							•			•			•				
ACQUISITION & IMPLEMENTATION																																		
Identify Solutions	•						•	•	•	•			•	•	•	•		•	•				•						•	•				
Acquire and Maintain Application Software							•	•	•	•	•		•	•			•				•			•	•		•	•	•	•	•		•	•
Acquire and Maintain Technology Architecture							•	•	•	•					•					•	•		•	•			•	•	•	•	•		•	•
Develop and Maintain IT Procedures						•					•										•		•			•		•		•		•	•	•
Install and Accredit Systems							•	•			•		•			•	•	•			•		•	•	•		•	•	•	•				•
Manage Changes						•					•		•			•				•		•						•	•	•	•	•	•	•
DELIVERY & SUPPORT																																		
Define Service Levels	•			•							•					•	•					•						•	•				•	•
Manage Third-Party Services							•	•			•		•	•		•		•	•						•				•	•				•
Manage Performance and Capacity				•	•						•											•						•	•			•	•	•
Ensure Continuous Service		•									•											•						•	•					•
Ensure Systems Security		•									•				•		•	•	•				•		•		•		•	•	•	•	•	•
Identify and Attribute Costs					•												•																	
Educate and Train Users	•						•	•			•							•		•				•	•				•					
Assist and Advise IT Customers	•																		•		•				•								•	
Manage the Configuration						•					•									•	•			•	•		•	•	•	•	•	•		•
Manage Problems and Incidents						•														•				•								•	•	•
Manage Data						•	•	•	•	•								•		•	•			•					•	•				
Manage Facilities							•	•		•								•						•					•					
Manage Operations											•										•								•					
Audit																																		
Monitor the Processes	•	•					•	•	•	•			•					•						•	•				•	•		•		•
Assess Internal Control Adequacy		•					•	•	•	•	•							•			•			•	•		•	•	•	•	•	•	•	•
Obtain Independent Assurance		•					•	•	•	•	•					•		•	•	•				•	•		•	•	•	•	•	•	•	•
Provide for Independent Audit	•	•	•	•	•	•	•	•	•	•	•		•				•	•	•	•		•		•	•	•	•	•	•	•	•	•	•	•