

# Enterprise Computing Community - ECC 2010

## Fundamentals of Enterprise Computing Systems

Chair: Professor Cameron Seay  
Co-Chair: Don Resnik, IBM

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Topics Covered	Comments
Introduction to large scale enterprise computing systems <ul style="list-style-type: none"><li>- Enterprise computing model overview</li></ul>	
Enterprise business operations and integration <ul style="list-style-type: none"><li>- Introduce different components of enterprise mode</li><li>- Business implications</li></ul>	
Enterprise computing operating systems and organization <ul style="list-style-type: none"><li>- Enterprise OSes (Linux, z/OS, z/VM, Windows, OS X, etc)</li></ul>	



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Topics Covered	Comments
Introduction to Virtualization - Virtualization SW and techniques (z/VM, VMware, Xen, etc)	
Pervasive large systems applications - Applications, databases, transactions, languages	
Continuous Availability Concepts - Disaster Recovery - Failover - Mean Time Between Failure - Continuity - Parallel systems.	



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Topics Covered	Comments
<p>Guaranteed data integrity</p> <ul style="list-style-type: none"><li>- Definition</li><li>- Data integrity techniques<ul style="list-style-type: none"><li>- Rollback</li><li>- Backup</li></ul></li></ul>	
<p>Disaster Recovery</p> <ul style="list-style-type: none"><li>- Disaster Recovery techniques &amp; products</li><li>- HW and SW of DR</li></ul>	
<p>System Security</p> <ul style="list-style-type: none"><li>- Internal/external securit</li><li>- Intrusion detection</li><li>- Security products (RACF)</li><li>- Security policies</li></ul>	

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Topics Covered	Comments
<p>System Security</p> <ul style="list-style-type: none"><li>- Internal/external security</li><li>- Intrusion detection</li><li>- Security products (RACF)</li><li>- Security policies</li><li>- Protecting user apps &amp; data from malicious programs</li></ul>	
<p>User and data privacy</p> <ul style="list-style-type: none"><li>- HIPAA</li><li>- Sarbanes Oxley</li><li>- Privacy policies</li><li>- Privacy implications</li></ul>	

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Topics Covered	Comments
Careers in Enterprise Systems - Career Paths	
Enterprise Systems Mgt Strategy	
Operations - Application development - Performing tasks	
Good Case Studies for each topic	



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<b>Additional Topics that should be covered ?</b>	<b>Comments</b>