Information Technology Strategic Imperatives

1. Help develop the Teaching & Learning Environment of the Future
   a. Deploy tools and technology to engage 21st century learners
   b. Deploy digital backpacks to support teaching and learning
   c. Infuse research computing into the classroom
   d. Embrace learning analytics to understand trends and patterns affecting students
   e. Embrace mobile computing as well as mobile apps

2. Support Research, Scholarship and Creative Activities
   a. Refresh the Vermont Advanced Computing Core
   b. Create a data repository to support all researchers, regardless of discipline
   c. Partner with other influencers to facilitate the creation of Data Management Plans and deployment of supporting technology
   d. Promote Internet2 as a research collaboration tool

3. Support and Improve Administrative Processes
   a. Infuse business process analysis into software implementations to encourage reengineering when appropriate
   b. Implement data analytics and Business Intelligence (BI) and a data integration hub between key administrative systems
   c. Partner to initiate an ERP modernization effort and evaluation

   a. Enhance University information security posture and awareness
   b. Implement enhanced security platforms
   c. Improve incident response capabilities
   d. Enhance third party relationship management
   e. Improve technology resiliency and continuity

5. Improve Operational Efficiencies
   a. Invest in more modern IT infrastructure to ensure systems meet University needs
   b. Deploy a unified communications system and enhance collaboration tools
   c. Promote best practices through resource acquisition, consolidation of resources and shared professional development

6. Enable the Oneness of IT at UVM
   a. Establish Information Technology governance
   b. Implement a formal project management methodology to guide technology projects
   c. Increase collaboration among IT professionals across UVM and strengthen the role of Collaborative IT
   d. Improve campus-wide communications around information technology

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