

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

4. Promote Information Security and Protection of Digital Assets

- 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