

Academic Computing Technology Execution Plan 2011

Overview

In the last few months, various technology plans and visions were drafted and discussed on campus, including:

- ACT's "Strategic Plan" by Dr. Nilo Niccolai, last revised Mar. 2009 before retirement
- Accreditation's Self-Study "Standard III", by Carol Matson, last revised Nov. 2010
- NOCCCD's White Paper "Trends We Cannot Ignore" by Deborah Ludford Nov. 2010
- TiPC's "Computer Replacement Plan" by Richard Smead presented to TAC Jan.25, 2011
- ITC's "Technology Plan" by Dale Craig presented to ITC Feb.10, 2011

This paper contains details of how we can meet the needs described in the above documents.

I. Expectations (2 to 5 years)

From the five documents above, it is clear that we need to fund technology through the four stages of technology's life cycle:

- **Exploration:** Grass-root experimentation by an early adopter, usually prompted by one time funding and/or special needs. (ie. Video server in PE program to train athletes)
- **Adoption:** the technology becomes de-facto usage, and the campus starts to standardize on the same technology everywhere to be more efficient. (ie. WiFi access)
- **Maintenance:** the technology becomes necessary for the college to be effective, and thus budget must be allocated by the campus for it on an annual basis. (ie. Microsoft Software Licenses Agreement)
- **Replacement:** the technology becomes critical for the primary missions of the college, and it must be replaced in a timely manner or we risk failing in our mission. (ie. Aging demo stations)

Based on the stages of technology above, this paper will attempt to address the following needs:

1. **Replace** computers according to a Computer Replacement Plan: ITC's item 2 page 14; TiPC's document.
2. **Replace** network/infrastructure equipment: ITC's item I.3 page 10
3. **Adopt** more Wireless Access for the campus: ITC's item 4 page 17
4. **Adopt** Virtualization (VDI): ITC's item 1 page 12

This paper will *not* attempt to address need in the Exploration and Maintenance stages, since Maintenance needs should already be allocated in an annual budget; and Exploration needs are best dealt with as a separate RFP. Some examples of those needs are:

5. **Explore** a new Campus Website structure with a Content Management System: currently being addressed by the Web Advisory Committee’s RFP process.
6. **Explore** new technology with a Future Technology Center: ITC’s item 5 page 18
7. **Maintain** existing technology service offerings: repair, email, helpdesk, labs, etc.
8. **Maintain** technology services for construction-related projects: swing-spaces, La Habra, buildings 700, 900

This paper will *not* attempt to address non-technology issues such as people, policy, procedures, etc. in the technology eco-system. Those include:

9. Funding and staffing for Distance Education: ITC’s item I.4 page 10, operating procedures: ITC’s item I.6 page 11, Cloud-integration: ITC’s item I.7 page 11
10. Any kind of governance, prioritization, and allocation processes for the execution of this plan.



