

Focus Areas identified by the ITAC-AT committee per request of the ITSP committee.

Focus Area:

Pedagogy and Its Interactions with Technology

Description:

Investigation, recognition and encouragement of innovative teaching practices

Implementation Strategies:

- 1) Outcome assessment of existing training and incentive programs
- 2) Provide incentives to incorporate appropriate technologies into curriculum
- 3) Disseminate innovative teaching techniques
- 4) Develop a course dealing with issues relevant to pedagogy and appropriate use of technology.
- 5) Require a pedagogy course that emphasizes uses of technology for graduate teaching assistants.
- 6) Provide support for faculty in the development of new approaches, for travel, meetings and preparation of technical papers describing innovative work.

Outcomes:

- 1) Dissemination of innovative uses of technology by faculty
 - 2) Recognition and reward – consideration as part of promotion and tenure policies
 - 3) Increased understanding of pedagogy and technology
 - 4) Increased and appropriate use of technology in teaching and learning
 - 5) University curriculum suitable for distributed learning.
 - 6) More productive research and instruction programs.
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Focus Area:

Intellectual Property

Description:

Investigation of Intellectual Property rights and uses, its relation to copyright law, both internal and external to the University community.

Implementation Strategies:

- 1) Develop experts to compile a policy and procedures handbook to include patent and copyright law materials
- 2) Investigate the types of information currently available and organize into a usable format
- 3) Designate/hire university level expert on copyright and intellectual property
- 4) Provide co-op and internship opportunities for students in the office responsible for Intellectual property, copyrights and patents.
- 5) Develop application that allows faculty to easily add password protection to their class web site to protect class notes and other intellectual property.

Outcomes:

- 1) Comprehensive Intellectual Property and Copyright policy and procedures available to the University Community
- 2) Increased understanding of intellectual property issues

- 3) Decreased risk of copyright violations as research and teaching materials become more broadly available.
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Focus Area:

Information Technology training and development plans for students, faculty and staff

Description:

Multi-faceted approach to build awareness and ongoing support for individual's learning and development

Implementation Strategies:

- 1) Identify existing resources
- 2) Identify unmet training needs and develop resources
- 3) Expand times when training is available
- 4) Present training opportunities as cohesive offering
- 5) Broad marketing strategy to each audience
- 6) Identify and communicate existing best practices
- 7) No/low cost, convenient, non-threatening, diverse delivery methods
- 8) Incorporate curriculum design principles in technology training
- 9) Enlist department liaisons to participate in continuing support

Outcomes:

- 1) Improved student learning
 - 2) Increased and effective use of technology in curriculum
 - 3) Coordinated campus approach to training and development
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Focus Area:

Service and support for course and curriculum development and assessment for traditional and virtual classrooms

Description:

Services available to any person who is developing or maintaining curriculum materials

Implementation Strategies:

- 1) Identify existing services and targeted audiences
- 2) Identify and develop needed services
- 3) Offer services to any support staff
- 4) Sponsor baseline curriculum and assessment services campus wide
- 5) Supplement with low fee for additional services
- 6) Coordinated, cohesive offering of curriculum and assessment services
- 7) Broad marketing strategy to each audience
- 8) Curriculum development tools should be convenient, accessible, flexible
- 9) Develop continuing funding and support mechanisms

Outcomes:

- 1) No barriers to using technology in curriculum
 - 2) Continued support for curriculum services
 - 3) Plans for support of distance learning
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Focus Area:

Funding and budget models

Description:

Reliable funding for technology which enables long range planning and ensures accountability.

Implementation Strategies:

- 1) Implement IT student fee that supports student, faculty and staff training and curriculum services
- 2) A percentage of FTE allocated for campus wide curriculum services
- 3) A percentage of fee allocated for college discretionary funds
- 4) Fee supports baseline and low fee charge back services
- 5) Support for life cycle funding for equipment
- 6) Support for digital library resources

Outcomes:

- 1) Implementation of comprehensive plan
 - 2) Life cycle funding for equipment
 - 3) Increased and stabilized revenue streams for IT
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Focus Area:

Academic Technology Guidelines and Standards

Description:

Standards for academic platform software and licensed software and installation

Implementation Strategies:

- 1) Provide standards that will ensure an opportunity for staff & students to access an approved hardware and software platform with centralized licensing
- 2) Develop common look & feel for entire UF Web presence to include: information architecture, aesthetics, etc.
- 3) Single sign-on across all systems with complete integration into UF Directory. This project lies in the critical path of many UF IT implementation strategies.
- 4) Student fee or administrative fee for departments that tie into site licenses

Outcomes:

- 1) Easy and standard 'toolkit' for all students, faculty and staff to use IT in their work.
 - 2) UF web 'brand' consistent and clear on all the rich academic programs UF offers
 - 3) Universally accessible Web presence built to compliance
 - a. Strong and unchanging information architecture
 - b. Dynamic content
 - c. Distributed control
 - 4) Improved capability to support users with common hardware and software
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Focus Area:

Infrastructure For Teaching, Research And Outreach

Description:

Provide equipment, resources, and infrastructure to support university mission. Ensure suitable infrastructure for both local and distance initiatives.

Implementation Strategies:

- 1) Inventory the infrastructure needs for Teaching, Research and Outreach separately.
- 2) Central support of network infrastructure to faceplate to provide standard, consistent, and interoperable environment
- 3) Local control and funding support for infrastructure beyond the faceplate
- 4) Coordinate Colleges' classroom technology standards
- 5) Stable base of funding to support the infrastructure needs of the university
- 6) Plan for centralized support services such as web, media, and courseware/management services
- 7) Full connectivity to resources housed in various colleges and libraries around campus regardless of current location.
- 8) Expand hours when support services are available
- 9) Increase site licenses for commonly needed software

Outcomes:

- 1) An environment poised to adopt new technologies and standards as they become viable.
- 2) Elimination of unnecessary redundancy in hardware and its maintenance.
- 3) Consistent and well maintained technology infrastructure
- 4) Increased faculty, staff and student productivity
- 5) Decreased software costs and increased software accessibility
- 6) Seamless access to UF networked resources with equipment in classrooms
- 7) Distributed (including distance) learning platform enabled.