IFC Technology Committee

September 19, 2011 9:00 a.m. – 11:00 a.m. UL 2115E

Chair: Barbara Friesth

9:00 a.m. – 9:15 a.m. Call to Order • Introductions • **Approval of Agenda** • 9:15 a.m. – 10:15 a.m. **Update from UITS** Dennis Cromwell, Associate Vice President for Enterprise Infrastructure Garland Elmore, Deputy Chief Information Officer and Dean Stacy Morrone, Associate Dean, Learning Technologies Topics: Network issues - both wired and wireless ٠ Testing Center facilities' update • Oncourse test tool update 10:15 a.m. – 10:20 a.m. **Review and Approval of Minutes from April Meeting** 10:20 a.m. – 10:50 a.m. **Discussion of Future Meeting Dates / Topics** 10:50 a.m. – 11:00 a.m. **Other Business** 11:00 a.m. Adjournment

Future Meeting Dates (location UL 2115E):

October 17, 2011 - This meeting date may change as it is during the IUPUI Fall Break. November 21, 2011 December 19, 2011

February 20, 2012 March 19, 2012 April 16, 2012

AGENDA

IFC Technology Committee

November 21, 2011 9:00 a.m. – 11:00 a.m. UL 1126

Chair: Barbara Friesth

9:00 a.m. – 9:15 a.m.	 Call to Order Introductions Approval of Agenda
9:15 a.m. – 9:20 a.m.	Review and Approval of Minutes from September Meeting
10:00 a.m. – 10:50 a.m.	Report of Small Group Work Regarding Communications Michele Roberts
10:50 a.m. – 11:00 a.m.	Other Business
11:00 a.m.	Adjournment

Future Meeting Dates (location UL 2115E):

September 19, 2011 October 17, 2011 - Cancelled November 21, 2011 (UL 1126) December 12, 2011

- Electronic Textbook update on fall semester
- Rollout of telecommunication services changes and end user evaluation of the services
- Kuali Coeus

February 20, 2012 (UL 1126) March 19, 2012 April 16, 2012

IFC Technology Committee

December 12, 2011 9:00 a.m. – 11:00 a.m. UL 2115E

Chair: Barbara Friesth

9:00 a.m. – 9:05 a.m.	 Call to Order Introductions Approval of Agenda Chair's Report
9:05 a.m. – 9:10 a.m.	Review and Approval of Minutes from November Meeting
9:10 a.m. – 9:25 a.m.	Electronic Textbook Update on Fall Semester Nik Osborne, Chief of Staff
9:25 a.m. – 9:40 a.m.	Kuali Coeus Update Geoff McGregor, Principal Systems Analyst, Research Administration Systems Lora O'Connor, Executive Director, Kuali Coeus Functional Project Manager, Research Administration Systems and Decision Support
9:40 a.m. – 10:25 a.m.	Superbowl Readiness Discussion Stacy Morrone, Associate Dean, Learning Technologies Sue Workman, Associate Vice President, Support Kaye Davidson, Manager, Telephone Call Center, Support Dennis Gillespie, Manager, Support Center, Support
10:25 a.m. – 10:55 a.m.	IT Policy Review
10:55 a.m. – 11:00 a.m.	Other Business
11:00 a.m.	Adjournment

Future Meeting Dates (location UL 2115E):

September 19, 2011 October 17, 2011 - Cancelled November 21, 2011 (UL 1126) December 12, 2011

January 23, 2012 (UL 1126)

- Rollout of telecommunication services changes and end user evaluation of the services
- Wireless network update
- FCTC Tracking Log

February 20, 2012 (UL 1126)

- Oncourse load testing update
- Video conferencing options
- Communication and support follow-up

March 19, 2012

- Ongoing support for mobile technology
- Student technology fee spending and transition update
- Virtualization of desktops

- Electronic textbook update
- Electronic advising, Academic Roadmap, FLAG (early alert system)
- SharePoint

IFC Technology Committee

January 23, 2012 9:00 a.m. – 11:00 a.m. UL 1126

Chair: Barbara Friesth

9:00 a.m. – 9:05 a.m.	 Call to Order Introductions Approval of Agenda Chair's Report
9:05 a.m. – 9:15 a.m.	Review and Approval of Minutes from December Meeting
9:15 a.m. – 10:15 a.m.	Rollout of Telecommunication Services Changes and End User Evaluation of the Services Wireless Network Update Dennis Cromwell, Associate Vice President, Enterprise Infrastructure (Michael) Kirt Guinn, Director, Telecommunication Infrastructure
10:15 a.m. – 10:55 a.m.	FCTC Tracking Log
10:55 a.m. – 11:00 a.m.	Other Business
11:00 a.m.	Adjournment

Future Meeting Dates (location UL 2115E):

September 19, 2011 October 17, 2011 - Cancelled November 21, 2011 (UL 1126) December 12, 2011

January 23, 2012 (UL 1126)

- Rollout of telecommunication services changes and end user evaluation of the services
- Wireless network update
- FCTC Tracking Log

February 20, 2012 (UL 1126)

- Oncourse load testing update
- Video conferencing options
- Communication and support follow-up

March 19, 2012

- Ongoing support for mobile technology
- Student technology fee spending and transition update
- Virtualization of desktops

- Electronic textbook update
- Electronic advising, Academic Roadmap, FLAG (early alert system)
- SharePoint

IFC Technology Committee

February 20, 2012 9:00 a.m. – 11:00 a.m. UL 1126

Acting Chair: Andrew Gavrin

9:00 a.m. – 9:05 a.m.	 Call to Order Introductions Approval of Agenda Chair's Report
9:05 a.m. – 9:10 a.m.	Review and Approval of Minutes from January Meeting
9:10 a.m. – 9:25 a.m.	Oncourse Load Testing Update Karen Watkins, Interim Director, Enterprise Academic Systems, Enterprise Software
9:25 a.m. – 9:40 a.m.	Ongoing Support for Mobile Technology Brian McGough, Director, Enterprise Services, Integration and Delivery, Enterprise Software
9:40 a.m. – 10:10 a.m.	Video Conferencing Options Jennifer Van Horn, Manager, Collaboration Technologies, Learning Technologies
10:10 a.m. – 10:55 a.m.	FCTC Tracking Log
10:55 a.m. – 11:00 a.m.	Other Business
11:00 a.m.	Adjournment

Future Meeting Dates (location UL 2115E):

September 19, 2011 October 17, 2011 - Cancelled November 21, 2011 (UL 1126) December 12, 2011 January 23, 2012 (UL 1126) February 20, 2012 (UL 1126)

- Oncourse load testing update
- Ongoing support for mobile technology
- Video conferencing options

March 19, 2012

- Communication and support follow-up
- Student technology fee spending and transition update
- Virtualization of desktops

- Electronic textbook update
- Electronic advising, Academic Roadmap, FLAG (early alert system)
- SharePoint

IFC Technology Committee

March 19, 2012 9:00 a.m. – 11:00 a.m. UL 2115E

Chair: Barbara Friesth

9:00 a.m. – 9:05 a.m.	 Call to Order Introductions Approval of Agenda Chair's Report
9:05 a.m. – 9:10 a.m.	Review and Approval of Minutes from February Meeting
9:10 a.m. – 9:25 a.m.	Tracking Log
9:25 a.m. – 9:40 a.m.	Communication and Support Follow-up Stacy Morrone, Associate Vice President, Learning Technologies and Dean, Information Technology Sue Workman, Associate Vice President, Client Services and Support Dennis Gillespie, Manager, Support Center, Client Services and Support Brian Hawkins, Communications Strategist, IT Services, Communication
9:40 a.m. – 10:00 a.m.	 Student Technology Fee Spending and Transition Update Stacy Morrone, Associate Vice President, Learning Technologies and Dean, Information Technology Sue Workman, Associate Vice President, Client Services and Support Jill Piedmont, Finance Director, Administration and Finance Office Mark Russell, Assistant Manager, Learning Environments and Technology Services
9:40 a.m. – 10:00 a.m. 10:00 a.m. – 10:40 a.m.	 Stacy Morrone, Associate Vice President, Learning Technologies and Dean, Information Technology Sue Workman, Associate Vice President, Client Services and Support Jill Piedmont, Finance Director, Administration and Finance Office
	Stacy Morrone, Associate Vice President, Learning Technologies and Dean, Information Technology Sue Workman, Associate Vice President, Client Services and Support Jill Piedmont, Finance Director, Administration and Finance Office Mark Russell, Assistant Manager, Learning Environments and Technology Services Virtualization of Desktops Sue Workman, Associate Vice President, Client Services and Support
10:00 a.m. – 10:40 a.m.	 Stacy Morrone, Associate Vice President, Learning Technologies and Dean, Information Technology Sue Workman, Associate Vice President, Client Services and Support Jill Piedmont, Finance Director, Administration and Finance Office Mark Russell, Assistant Manager, Learning Environments and Technology Services Virtualization of Desktops Sue Workman, Associate Vice President, Client Services and Support Duane Schau, Director, Leveraged Support

Future Meeting Dates (location UL 2115E):

September 19, 2011 October 17, 2011 - Cancelled November 21, 2011 (UL 1126) December 12, 2011 January 23, 2012 (UL 1126) February 20, 2012 (UL 1126) March 19, 2012

• Communication and support follow-up

- Student technology fee spending and transition update
- Virtualization of desktops

- Electronic textbook update
- Electronic advising, Academic Roadmap, FLAG (early alert system)
- SharePoint

AGENDA

IFC Technology Committee

April 16, 2012 9:00 a.m. - 11:00 a.m. IT 541

Chair: Barbara Friesth

9:00 a.m. – 9:10 a.m.	 Call to Order Introductions Approval of Agenda Chair's Report Review and Approval of Minutes from March Meeting
9:10 a.m. – 9:30 a.m.	Electronic Advising, Academic Roadmap, FLAGS System (Fostering Learning, Achievement, and Graduation Success) Karen Watkins, Interim Director, Enterprise Academic Systems, Enterprise Software Jim Murray, Business Systems Director, Academic Advising, University Student Services and Systems (USSS)
9:30 a.m. – 9:50 a.m.	SharePoint Duane Schau, Director, Leveraged Support John Weakley, Director, System Infrastructure Mark Lynch, Manager, Support Systems, Licensing, and Software Distribution
9:50 a.m. – 10:20 a.m.	Information Policy Review (ISPP-26 and ISPP-27)
10:20 a.m. – 10:55 a.m.	Experimental Immersive Classroom, IT 121 Stacy Morrone, Associate Vice President, Learning Technologies and Dean, Information Technology
10:55 a.m. – 11:00 a.m.	Other Business

11:00 a.m.

Adjournment

Future Meeting Dates (location UL 2115E):

September 19, 2011 October 17, 2011 - Cancelled November 21, 2011 (UL 1126) December 12, 2011 January 23, 2012 (UL 1126) February 20, 2012 (UL 1126) March 19, 2012

- Electronic Advising, Academic Roadmap, • FLAGS System
- SharePoint •
- Information Policy Review ٠ (ISPP-26, ISPP-27)
- Experimental Immersive Classroom, IT 121

IUPUI Faculty Council Technology Committee September 19, 2011

Minutes

Members Present: Brenda Burk, James Clack, Garland Elmore (administrative liaison), Barbara Friesth (chair), Andrew Gavrin, Barbara Gushrowski, Hadi Kharrazi, Paula Magee, Kathleen Marrs (executive committee liaison), Peter Nalin, Michele Roberts, Kathryn Thedwall, Thomas Upton, LaQuia Walker, Theresa Walsh (meeting recorder), Elizabeth Whipple

Members Absent: Mark Bannatyne, Connie Justice, Michael Kubek, Suk-Hee Lee, Sandra Morzorati

Guests: Dennis Cromwell, Associate Vice President, Enterprise Infrastructure, Office of the Vice President for Information Technology and CIO; Stacy Morrone, Associate Dean, Learning Technologies, Office of the Vice President for Information Technology and CIO

Agenda:

- 1. Call to Order
- 2. Introductions
- 3. Approval of the Agenda
- 4. Update from UITS (Dennis Cromwell, Garland Elmore, Stacy Morrone) Topics:
 - Network issues both wired and wireless
 - Testing Center facilities' update
 - Oncourse test tool update
- 5. Review and Approval of the Minutes of April 11, 2011 Meeting
- 6. Discussion of Future Meeting Dates / Topics
- 7. Other Business
- 8. Adjournment
- 1. Call to Order. The meeting was called to order at 9:00 a.m.
- 2. Introductions. The members of the committee introduced themselves.
- 3. Approval of the Agenda. The agenda was reviewed and approved.
- 4. Update from UITS. Garland Elmore, Deputy Chief Information Officer and Dean, Dennis Cromwell, Associate Vice President for Enterprise Infrastructure, and Stacy Morrone, Associate Dean, Learning Technologies provided updates from University Information Technology Services (UITS).

Network status – both wired and wireless. Dennis Cromwell provided an update on networks. The Network Master Plan describes the technology and funding requirements over a ten year period, ending in 2018. The work on that plan included a substantial upgrade this summer to the network core or the routers that connect the buildings and the campus to the external network. This upgrade added additional stability and redundancy to the wired network. An issue on August 1 and 2 in the Informatics and Communications Technology Complex (ICTC) data center created a serious problem with the wireless network upgrade but the wired network remained stable. Significant issues were discussed about the limiting functionality of the network. In addition, UITS completed a major upgrade for the wireless network which increased the bandwidth. Unfortunately, the upgraded network did not initially perform well under load and UITS has been working with the vendor to address stability and capacity since the first day of classes exposed the problems. UITS felt like the stability problems were mostly solved, but discussion among the Faculty Council Technology Committee (FCTC) provided examples of poor access or performance. Specifically, problems in the School of Science (SL and LD buildings), the Nursing building, and Informatics were identified. Dennis Cromwell will have technicians review wireless connectivity and speed in those buildings. The FCTC discussed communication and support as being a major issue during this wireless problem. The strategy of communication and support for faculty is a good topic for the next FCTC meeting.

Stacy Morrone, Associate Dean, Learning Technologies, said that Oncourse Announce is a voluntary listserv. It goes out once a week and provides tips on using Oncourse. It was suggested that the teaching centers could promote Oncourse Announce to faculty about once a semester.

Testing Centers' facilities update. Stacy Morrone continued with an update on the Testing Centers. The Business SPEA 3000 suite was successfully remodeled over this past summer. The Science SL070 suite is partially renovated. Due to a clerical error in a state law, all construction jobs required prevailing wage information, which resulted in construction delays. Given these delays, the renovation work was delayed until next summer to ensure that there was no disruption in testing activities.

Oncourse Test and Survey Beta Tool. Stacy Morrone then provided an update on the Oncourse Test and Survey Beta tool. There were problems with the Oncourse load balancer, which distributes the Oncourse load across all app servers. These problems were seen most clearly for users using the Test and Survey Beta tool. A correction was made at the start of the semester to ensure that a user remains on a single server during an Oncourse session, which should address the system errors that occurred when using the tool. The Oncourse development and infrastructure teams continue to tune the load balancer to achieve improved performance. In addition, progress has been made in addressing the bugs in the Test and Survey Beta. Next fall continued to be the target for the retirement of the original Oncourse Test and Survey tool. For this academic year, both of the testing tools will continue to be available. The teaching centers will work proactively with users to assist them in preparing for the move to the new tool.

- 5. Review and Approval of the Minutes of April 11, 2011 Meeting. The minutes of the meeting of April 11, 2011 were reviewed and approved.
- Discussion of Future Meeting Dates / Topics. The FCTC approved canceling the October 17, 2011 meeting. The FCTC discussed and decided on the following topics for the year. November 21, 2011
 - Communication and support
 - Oncourse load testing update

December 19, 2011

- Electronic textbook brief update on numbers from fall semester
- Rollout of telecommunication services changes and end user evaluation of the services
- Kuali Coeus

February 20, 2012

- Communication and support follow-up
- Video conferencing options, i.e. Adobe Connect, Office Communicator, Movi
- March 19, 2012
 - Ongoing support for mobile technology
 - Student technology fee spending and transition update
 - Virtualization of desktops

April 16, 2012:

- Electronic textbook update
- Electronic advising, Academic Roadmap, FLAG (early alert system)
- SharePoint
- 7. Other Business. No other business.
- 8. Adjournment. The meeting adjourned at 11:05 a.m.

Next Meeting: Monday, November 21, 2011, 9:00 a.m. – 11:00 a.m., UL 1126 (new location)

IUPUI Faculty Council Technology Committee November 21, 2011

Minutes

Members Present: Garland Elmore (administrative liaison), Barbara Friesth (chair), Andrew Gavrin, Barbara Gushrowski, Hadi Kharrazi, Paula Magee, Sandra Morzorati, Michele Roberts, Kathryn Thedwall, Thomas Upton, LaQuia Walker, Theresa Walsh (meeting recorder), Elizabeth Whipple

Members Absent: Mark Bannatyne, Brenda Burk, James Clack, Connie Justice, Michael Kubek, Suk-Hee Lee, Kathleen Marrs (executive committee liaison), Peter Nalin

Guests: Anastasia Morrone, Associate Dean, Learning Technologies, Office of the Vice President for Information Technology and CIO

Agenda:

- 1. Call to Order and Introductions
- 2. Approval of the Agenda
- 3. Review and Approval of the Minutes from September Meeting
- 4.—Oncourse Load Testing and Update (Karen Watkins, Interim Director, Enterprise Academic Systems)
- 5. Report of Small Group Work Regarding Communications (Michele Roberts)
- 6. Other Business
- 7. Adjournment
- *1. Call to Order and Introductions.* The meeting was called to order at 9:00 a.m. The FCTC Annual Report for 2010 2011 will be entered in the official record.
- Approval of the Agenda. The agenda was reviewed. The following change was made to the agenda: Due to the presenter being ill, the topic on Oncourse Load Testing and Update was deferred until the February 20, 2012 meeting. The agenda as amended was then approved.
- *3. Review and Approval of the Minutes of September 19, 2011 Meeting.* The minutes of the September 19, 2011 meeting were reviewed. The following changes were made to Item 4, Network status both wired and wireless.
 - The fifth sentence was changed to: "An issue on August 1 and 2 in the Informatics and Communications Technology Complex (ICTC) data center created a serious problem with the wireless network upgrade but the wired network remained stable."
 - A new sentence was added after the fifth sentence: "Significant issues were discussed about the limiting functionality of the network."

The minutes as amended were then approved.

- 4. Report of Small Group Work Regarding Communications. Michele Roberts, who led the Technology Communication Sub-group, distributed and presented a report entitled "Report of Technology Communication Sub-group." Key points discussed with the FCTC were:
 - Make the processes and procedures that are already in place more explicit
 - Provide better identification of issues
 - Document the person(s) responsible for resolving issues
 - Close the loop with information to users when issues are resolved
 - Determine how to better gauge effect on users of major issues
 - Review current processes and how to use the data

Another suggestion was to focus more on strategic communication. In particular, a discussion of the rollout of major information technology initiatives should be emphasized with the communication of the timeline. The FCTC discussed continuing the sub-group. Members will need to know what is within their charge and what is part of the FCTC.

The FCTC discussed a new procedure and log for the FCTC that would track opportunities, the date to be visited, and criticality. The FCTC will discuss this topic at a future meeting.

- 5. Other Business. A Superbowl readiness discussion with IT Support professionals will be on the December 12 agenda. A new meeting is added to the schedule for January 23, 2012. The December 12 topics of wireless, and the rollout of telecommunication services changes and end user evaluation of the services are moved to the January 23 agenda. The Oncourse Load Testing and Update topic was deferred until the February 20, 2012 meeting with a written report provided now.
- 6. Adjournment. The meeting adjourned at 10:40 a.m.

Next Meeting: Monday, December 12, 2011, 9:00 a.m. - 11:00 a.m., UL 2115E

IUPUI Faculty Council Technology Committee December 12, 2011

Minutes

Members Present: Brenda Burk, James Clack, Garland Elmore (administrative liaison), Barbara Friesth (chair), Andrew Gavrin, Barbara Gushrowski, Sandra Morzorati, Peter Nalin, Michele Roberts, Kathryn Thedwall, Theresa Walsh (meeting recorder), Elizabeth Whipple

Members Absent: Mark Bannatyne, Connie Justice, Hadi Kharrazi, Michael Kubek, Suk-Hee Lee, Paula Magee, Kathleen Marrs (executive committee liaison), Thomas Upton, LaQuia Walker

Guests: Carey Conover, Project Analyst, Research Administration Systems and Decision Support; Kaye Davidson, Manager, Telephone Call Center, University Information Technology Services (UITS); Dennis Gillespie, Manager, Support Center, UITS; Geoff McGregor, Principal Systems Analyst, Research Administration Systems, UITS; Anastasia Morrone, Associate Dean, Learning Technologies, Office of the Vice President for Information Technology (OVPIT); Lora O'Connor, Executive Director, Kuali Coeus Functional Project Manager, Research Administration Systems and Decision Support; Nik Osborne, Chief of Staff, OVPIT; Sue Workman, Associate Vice President, Support, OVPIT

Agenda:

- 1. Call to Order and Introductions
- 2. Approval of the Agenda
- 3. Chair's Report
- 4. Review and Approval of the Minutes from November Meeting
- 5. Electronic Textbook Update on Fall Semester (Nik Osborne)
- 6. Kuali Coeus Update (Geoff McGregor, Lora O'Connor, Carey Conover)
- 7. Super Bowl Readiness Discussion (Anastasia Morrone, Sue Workman, Kaye Davidson, Dennis Gillespie)
- 8. IT Policy Review
- 9. Other Business
- 10. Adjournment

Materials (located on Oncourse project site, "FC Technology Cmte"):

- KC Foundation Timeline
- Kuali Coeus@IU: Phase II 2011 2012 and Kuali Coeus Milestone Timeline
- Kuali Coeus Phase I: Training and Documentation Executive Summary
- Kuali Coeus Training Statistics
- 1. Call to Order and Introductions. The meeting was called to order at 9:00 a.m.
- 2. Approval of the Agenda. The agenda was reviewed and approved.
- 3. Chair's Report. Garland Elmore, Deputy Chief Information Officer and Dean, Information Technology, retires the end of January 2012. The Faculty Council Technology Committee (FCTC) expressed its immense gratitude for his service over all the years. Barbara Friesth will contact the Faculty Council President to inform him that the FCTC agreed that Anastasia Morrone is appropriate to step in as FCTC interim administrative liaison until a new person is appointed.
- 4. Review and Approval of the Minutes from November Meeting. The minutes of the November 21, 2011 meeting were reviewed. As amended below, the minutes are approved. The following change was made to Item 4, Report of Small Group Work Regarding Communications:

Two new sentences were added after the bulleted items: "Another suggestion was to focus more on strategic communication. In particular, a discussion of the rollout of major information technology initiatives should be emphasized with the communication of the timeline."

- 5. Electronic Textbook Update on Fall Semester. Nik Osborne, Chief of Staff, Office of the Vice President for Information Technology, provided an update on eText. 130 to 150 sections are using eText for Spring 2012. Two years of pilots have been done. For information on the data see <u>http://etexts.iu.edu/</u>. The FCTC discussed eText. A member of the committee said there is pressure from the campus and university to use eText. Use of eText is a faculty prerogative and that choice should continue to be communicated.
- 6. Kuali Coeus Update. Geoff McGregor, Principal Systems Analyst, Research Administration Systems, UITS, introduced the topic of Kuali Coeus. The Kuali Financial System replaces the current Financial Information System (FIS). He distributed the KC Foundation Timeline. Lora O'Connor, Executive Director, Kuali Coeus Functional Project Manager, Research Administration Systems and Decision Support, distributed some materials on the milestones for Kuali Coeus at IU. In 2012, FIS is going away and Kuali Coeus is coming in. It will be integrated by December 2012. Most feedback is about workflow. The FCTC also provided feedback on workflow. Everyone in the approval chain should be able to see a proposal that is submitted for approval. With the current approval process, the next person in the chain of approval cannot see the proposal until the person just before them in the chain approves it. The current approval process is serial, not parallel. Carey Conover, Project Analyst, Research Administration Systems and Decision Support, distributed a Training and Documentation Executive Summary and a Training Statistics spreadsheet. Training was provided for Kuali Coeus Phase I from October 2010 through September 2011. Lora O'Connor and Carey Conover will take back to the Office of Research Administration the following feedback from the FCTC:
 - a. Prado of errors
 - b. Notification of queue activation
 - c. Change of the review process from serial to parallel.
- 7. Super Bowl Readiness Discussion. Anastasia Morrone, Associate Dean, Learning Technologies, Office of the Vice President for Information Technology (OVPIT); Sue Workman, Associate Vice President, Support, OVPIT; Kaye Davidson, Manager, Telephone Call Center, UITS; and Dennis Gillespie, Manager, Support Center, UITS participated in the FCTC discussion about Super Bowl Readiness. Super Bowl XLVI takes place in Indianapolis on February 5, 2012. Some schools have decided to close Friday, February 3, and Monday, February 6. The Registrar's website contains information on academic unit class plans. Next, the group discussed use of Adobe Connect which is ok if recording for class, but there are concerns with simultaneous connections. Up to 2,000 concurrent connections can be made to Adobe Connect. The Center for Teaching and Learning (CTL) is conducting Super Bowl Teaching Strategies workshops in mid-January emphasizing Adobe Connect and Adobe Presenter. For information on utilizing IU-supported technologies to facilitate active teaching and learning in the online format see http://keepteaching.iu.edu.
- 8. IT Policy Review. The FCTC was asked to review the following seven IT policies:

IT-01 Appropriate Use of Information Technology Resources (approved May 2006): <u>http://protect.iu.edu/cybersecurity/policies/IT01</u>

IT-02 Misuse and Abuse of Information Technology Resources (approved May 2006): <u>http://protect.iu.edu/cybersecurity/policies/IT02</u>

IT-03 Eligibility to Use Information Technology Resources (approved May 2006): <u>http://protect.iu.edu/cybersecurity/policies/IT03</u>

IT-07 Privacy of Electronic Information and Information Technology Resources (approved January 2008): <u>http://protect.iu.edu/cybersecurity/policies/IT07</u>

IT-11 Excessive Use of Information Technology Resources (approved May 2006): <u>https://protect.iu.edu/cybersecurity/policies/IT11</u>

IT-19 Extending the University Data Network (approved September 2008): <u>http://protect.iu.edu/cybersecurity/policies/IT19</u>

IT-20 Wireless Networking (approved September 2008): <u>http://protect.iu.edu/cybersecurity/policies/IT20</u>

The FCTC discussed the IT policies. During the discussion on IT Policy 03, Eligibility to Use Information Technology Resources, the FCTC mentioned that affiliate accounts are cumbersome, opaque, and a couple options do not seem to fit. Rather than summarily denying a request, say "This does not look like an appropriate use. What do you want to accomplish?" Sue Workman, Associate Vice President for Support, will look into this.

Chair Barbara Friesth will report the recommendations below to the President of the IUPUI Faculty Council (IFC) and the IFC Executive Committee.

IT 01 – no specific changes IT 02 – no specific changes IT 03 – no specific changes IT 07 – please amend this policy to also include a reference to the security policy, IT 12 IT 11 – no specific changes IT 19 – no specific changes IT 20 – no specific changes

In policies IT 19 and IT 20, there is an "Exceptions to this policy" statement. The FCTC requested that the Policy Office determine if there are additional policies to which the "exception" statement should be added, along with the appropriate contact information. The FCTC suggests that all policies be formatted in such a way that they are in a printable format from the web (perhaps a pdf format), so that words are not cut off the end of the page when printed.

- 9. Other Business. N/A
- 10. Adjournment. The meeting adjourned at 11:00 a.m.

Next Meeting: Monday, January 23, 2012, 9:00 a.m. – 11:00 a.m., UL 1126 (note location change)

IUPUI Faculty Council Technology Committee January 23, 2012

Minutes

Members Present: Brenda Burk, James Clack, Barbara Friesth (chair), Andrew Gavrin, Barbara Gushrowski, Paula Magee, Kathleen Marrs (executive committee liaison), Anastasia Morrone (interim administrative liaison), Michele Roberts, Kathryn Thedwall, LaQuia Walker, Theresa Walsh (meeting recorder), Elizabeth Whipple

Members Absent: Mark Bannatyne, Connie Justice, Hadi Kharrazi, Michael Kubek, Suk-Hee Lee, Sandra Morzorati, Peter Nalin, Thomas Upton

Guests: Dennis Cromwell, Associate Vice President, Enterprise Infrastructure, Office of the Vice President for Information Technology

Agenda:

- 1. Call to Order and Introductions
- 2. Approval of the Agenda
- 3. Chair's Report
- 4. Review and Approval of the Minutes from December Meeting
- 5. Rollout of Telecommunication Services Changes and End User Evaluation of the Services; Wireless Network Update (Dennis Cromwell)
- 6. FCTC Tracking Log
- 7. Other Business
- 8. Adjournment

Materials: N/A

- 1. Call to Order and Introductions. The meeting was called to order at 9:00 a.m.
- 2. Approval of the Agenda. The agenda was reviewed and approved.
- 3. Chair's Report. As a follow up from the December meeting, Andrew Gavrin contacted and met with Lora O'Connor regarding Kuali Coeus. They were very responsive. During Super Bowl weekend, the 24-hour student technology center (IT 131) in the Informatics and Communications Technology Complex will be staffed, Friday and Saturday, February 3 4, 8:00 a.m. 5:00 p.m.; closed Sunday, February 5; and will reopen Monday, February 6, at 8:00 a.m.
- 4. *Review and Approval of the Minutes from December Meeting.* The minutes of the December 12, 2011 meeting were reviewed and approved.
- 5. Rollout of Telecommunication Services Changes and End User Evaluation of the Services. Dennis Cromwell, Associate Vice President, Enterprise Infrastructure, Office of the Vice President for Information Technology, introduced the topic of the rollout of telecommunication services changes. The primary intent is to have all campuses move from a phone-based model to a voice over IP (VoIP) model. The transition is based on the Microsoft Lync software platform. Unicom is the project name for the rollout and the core software is Microsoft Lync. The Lync platform has voice, instant messaging, video conferencing, and a tracking presence. Lync is integrated with all Microsoft products. Voicemail goes to Exchange. Outlook Web Access allows the user to see people's availability and away status. A Lync client exists for the iPhone and iPad; currently it is not available on Android devices. Traditional phones will continue to be used as emergency phones and with credit card reader devices. A team is focusing on the rollout of the Lync technology, however at this point in time they are rolling out services to units that would benefit from a rapid adoption of such technology

FCTC Meeting Minutes, 1-23-2012

(temporary move, new buildings, etc.). They are working through the IT professionals in the schools for individual requests or unit requests for the Lync rollout. Some FCTC members suggested paying special attention to offices in basements without good cellphone reception. Also, pay special attention to subgroups such as those using Linux, and those using Macs. The rollout of telecommunication services changes has not come up in the IUPUI Faculty Council. Kathy Marrs, the Faculty Council Executive Committee Liaison, will mention it to the Executive Council. Dennis Cromwell summarized the following points: develop a formal evaluation and feedback process; develop communication and more formalized rollout plans; identify telephones (red phones) to provide a plan for where they are being put. When the rollout plan is ready, Dennis Cromwell will bring it forward to a Faculty Council meeting. Dennis Cromwell may be contacted at dcromwel@iu.edu.

Wireless Network Update. Dennis Cromwell next provided an update on the wireless network. The wireless network has steadily improved since the beginning of fall semester. However, there are still sporadic connections issues that UITS is trying to address with the vendor. In addition, there are problems with the signal in the new higher frequency radios reaching certain areas. These are being addressed as they are identified. An ongoing issue with wireless networks is dealing with density (large number of people and devices connecting in a small area). Areas on campus where density presents issues are large lecture venues, student gathering places, auditorium events, University Library and the Campus Center. UITS continues to monitor those to provide the best possible wireless experience. Dennis Cromwell summarized the following points: a communication will be sent to IT professionals (since done) asking them to let him know about any problems; UITS will continue to pay attention to large gathering places and to special groups coming to campus; UITS will work with the School of Science to review coverage issues with midterms coming up.

- 6. FCTC Tracking Log. The FCTC discussed the procedure for logging discussions, and being more strategic. Michele Roberts proposed a chart to track the following: issue, UITS owner, date, priority, champion (on FCTC), update (how soon for an update), category (strategic, work, or problem solving), date closed, and comments. The tracking log can be utilized either at the beginning or the end of the FCTC meetings. The log will be kept on the FCTC project site. The chair and the meeting recorder will work to populate the spreadsheet.
- 7. Other Business. N/A
- 8. Adjournment. The meeting adjourned at 10:50 a.m.

Next Meeting: Monday, February 20, 2012, 9:00 a.m. – 11:00 a.m., UL 1126 (note location change)

IUPUI Faculty Council Technology Committee February 20, 2012

Minutes

Members Present: Mark Bannatyne, James Clack, Andrew Gavrin (acting chair), Barbara Gushrowski, Paula Magee, Anastasia Morrone (interim administrative liaison), Sandra Morzorati, Peter Nalin, Kathryn Thedwall, Thomas Upton, LaQuia Walker, Theresa Walsh (meeting recorder), Elizabeth Whipple

Members Absent: Brenda Burk, Barbara Friesth (chair), Connie Justice, Hadi Kharrazi, Michael Kubek, Suk-Hee Lee, Kathleen Marrs (executive committee liaison), Michele Roberts

Guests: Steven Egyhazi, Principal Multimedia Analyst, Collaboration Technologies, Learning Technologies, University Information Technology Services (UITS); Christopher Golden, Principal Systems Analyst, Collaboration Technologies, Learning Technologies, UITS; Brian McGough, Director, Enterprise Services, Integration and Delivery, Enterprise Software, UITS; Jennifer Van Horn, Manager, Collaboration Technologies, Learning Technologies, UITS; Karen Watkins, Interim Director, Enterprise Academic Systems, Enterprise Software, UITS

Agenda:

- 1. Call to Order and Introductions
- 2. Approval of the Agenda
- 3. Chair's Report
- 4. Review and Approval of the Minutes from January Meeting
- 5. Oncourse Load Testing Update (Karen Watkins)
- 6. Ongoing Support for Mobile Technology (Brian McGough)
- 7. Video Conferencing Options (Jennifer Van Horn, Steven Egyhazi, Christopher Golden)
- 8. FCTC Tracking Log
- 9. Other Business
- 10. Adjournment

Materials: (located on Oncourse project site, "FC Technology Cmte")

- Oncourse Load Testing and Update
- IU Mobile Update
- 1. Call to Order and Introductions. The meeting was called to order at 9:00 a.m.
- 2. Approval of the Agenda. The agenda was reviewed and approved.
- 3. Chair's Report. N/A
- 4. *Review and Approval of the Minutes from January Meeting.* The minutes of the January 23, 2012 meeting were reviewed and approved.
- 5. Oncourse Load Testing Update. Karen Watkins distributed a report on Oncourse Load Testing and provided an update for the Faculty Council Technology Committee (FCTC). After significant tuning efforts during Fall 2009, Oncourse did not exhibit any performance issues of note until Fall 2011. University Information Technology Services (UITS) acquired a load testing tool (Neoload) and an application performance monitoring tool (Dynatrace) in Summer 2010. Several changes were made during the past three months in the Oncourse application environment. These changes provided a significant reduction in errors based on collected metrics. The system has been stabilized. In Oncourse, "presence" was removed which reduced the impact on the application server. The FCTC discussed the following Oncourse issues: 1) The Admin tool is too slow; it takes a long time to open the tool and it is difficult to search for specific courses in the tool; 2) Faculty who have administrative oversight responsibilities need better reporting tools so that they can confirm that faculty in their area are using Oncourse; 3) One FCTC member asked about the feasibility of making the "Turning Technologies" clicker available to sites via "My Workspace." Karen Watkins may be contacted at kwatkins@indiana.edu.

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- 6. Ongoing Support for Mobile Technology. Brian McGough introduced the topic of ongoing support for mobile technology, and used PowerPoint slides. Summer 2011 brought an alteration to the approach to mobile technology. Indiana University (IU) rebuilt the native application with new web-based technologies and transitioned to the new application prior to the start of Fall 2011. Kuali Foundation wrote the new framework and tools. IU wrote tools for IU-specific needs within the Kuali framework. Brian McGough asked the FCTC what kind of mobile tools would be useful to faculty. "My Classes" could be pushed forward as a tool for faculty. Another enhancement that would be useful is the ability to post into Oncourse using the mobile app. Brian McGough may be contacted at bmcgough@indiana.edu.
- 7. Video Conferencing Options. Jennifer Van Horn introduced Steven Egyhazi and Christopher Golden, two video engineers. She explained that the Collaboration Technologies unit in Learning Technologies sprang from Action 12, Telecollaboration, in *Empowering People* the second Indiana University information technology strategic plan. The new unit brings together the video help desk and the video engineers. Steven Egyhazi and Christopher Golden provided a demo of Cisco Telepresence Movi (Mobile Video), a new mobile video conferencing client for audio and video conferencing. Cisco Telepresence Movi software runs on both Windows and Mac computers. From home, it is optimized for broadband. See the following link for information on how to apply for a Movi account: kb.iu.edu/data/bboh.html in the "What is Cisco TelePresence Movi" article in the Knowledge Base; or contact Steven Egyhazi at segyhazi@indiana.edu. A Movi user account is not integrated with the Central Authorization System. Jennifer Van Horn may be contacted at jvh@indiana.edu.
- 8. FCTC Tracking Log. The FCTC developed the mockup of the Tracking Log using the last two FCTC annual reports. The Tracking Log will be helpful to set the FCTC agenda for the year. The following items from today's meeting will be added to the Tracking Log: 1) Better Oncourse reporting tools for administrators to confirm that faculty in their area are using Oncourse; 2) Slow search in Oncourse admin tool; 3) The ability to post into Oncourse using the IU Mobile app; 4) The FCTC will meet in the ICTC to see the experimental immersive classroom. The FCTC decided to have two points of discussion, fifteen minutes each, during each FCTC meeting about the Tracking Log: an update at the beginning of the meeting (after the approval of the minutes) and a review at the end of each meeting.

The FCTC reviewed the FCTC Tracking Log.

Oncourse. Ongoing monitoring of Oncourse will include load testing, Test and Survey tool transition, reliability, major updates (next would be the next version of Sakai), Admin tools, usage patterns, and scalability.

Unicom. Monitoring of Unicom will include 911 capability; communication to users (the university community) and to faculty at the Faculty Council meeting (Kathleen Maars communicated with the Executive Committee); and the rollout plan.

Add the following issues to the Tracking Log: 1) Early warning system (FLAG) - an update will be provided at the April 16 FCTC meeting; 2) IT support of scholarship (Craig Stewart) - larger than supercomputing, libraries are doing resource sharing; 3) Recapturing the Scholarly Record (David Lewis).

- 9. Other Business. N/A
- 10. *Adjournment*. The meeting adjourned at 11:00 a.m.

Next Meeting: Monday, March 19, 2012, 9:00 a.m. – 11:00 a.m., UL 2115E

IUPUI Faculty Council Technology Committee March 19, 2012

Minutes

Members Present: Brenda Burk, Barbara Friesth (chair), Barbara Gushrowski, Hadi Kharrazi, Anastasia Morrone (interim administrative liaison), Peter Nalin, Michele Roberts, Theresa Walsh (meeting recorder), Elizabeth Whipple

Members Absent: Mark Bannatyne, James Clack, Andrew Gavrin, Connie Justice, Michael Kubek, Suk-Hee Lee, Paula Magee, Kathleen Marrs (executive committee liaison), Sandra Morzorati, Kathryn Thedwall, Thomas Upton, LaQuia Walker

Guests: Dennis Gillespie, Manager, Support Center, Client Services and Support, University Information Technology Services (UITS); Brian Hawkins, Communications Strategist, IT Services, UITS; Jill Piedmont, Finance Director, Administration and Finance Office, UITS; Mark Russell, Assistant Manager, Learning Environments and Technology Services, UITS; Duane Schau, Director, Leveraged Support, UITS; Sue Workman, Associate Vice President, Client Services and Support, Office the Vice President for Information Technology and CIO

Agenda:

- 1. Call to Order and Introductions
- 2. Approval of the Agenda
- 3. Chair's Report
- 4. Review and Approval of the Minutes from February Meeting
- 5. Tracking Log
- 6. Communication and Support Follow-up (Stacy Morrone, Sue Workman, Dennis Gillespie, Brian Hawkins)
- 7. Student Technology Fee Spending and Transition Update (Stacy Morrone, Sue Workman, Jill Piedmont, Mark Russell)
- 8. Virtualization of Desktops (Sue Workman, Duane Schau)
- 9. Tracking Log
- 10. Other Business
- 11. Adjournment

Materials: (located on Oncourse project site, "FC Technology Cmte") IUPUI Undergraduate Student Information Technology Fund Highlights Report, March 2012

- 1. Call to Order and Introductions. The meeting was called to order at 9:00 a.m.
- 2. Approval of the Agenda. The agenda was reviewed and approved.
- 3. Chair's Report. N/A
- 4. *Review and Approval of the Minutes from February Meeting.* The minutes of the February 20, 2012 meeting were reviewed. The following change was made to the "Next Meeting" information: the next meeting is Monday, March 19, 2012, and the location is UL 2115E. The minutes as amended were then approved.
- 5. Tracking Log. The FCTC discussed the category definitions of the Tracking Log. Strategic (S) is the aerial view, the big picture. Problem Solving (PS) is short term, needs help, and requires FCTC action. Administrative (A) means housekeeping; e.g. the IT policies process requires FCTC review, and then it is done. Monitoring (M) will be a new category; it means that mechanisms are in place; the FCTC does not own it; the FCTC is keeping an eye on it.
- Communication and Support Follow-up. Stacy Morrone introduced the topic of Communication and Support Follow-up. The Report of the Technology Communication Sub-group (in the 2011 – 2012 folder in the Resources area of the FCTC Oncourse project site) is divided into three sections: A) Downward Communication, B) Upward Communication, and C) Summary Process Improvement Recommendations. Stacy Morrone addressed the report sections.

Actions:

- A short communication about IT notices will be ready by the end of March and sent in early April. Meanwhile, UITS is using existing channels for communication.
- The campus centers for teaching and learning will ensure that faculty are aware of UITS services. A suggestion was made for UITS to send an email to all new adjunct faculty. Sue Workman noted that for best practices, a reference card could also be used.
- UITS solicited best practices for systemically communicating with faculty on how to obtain support. Many excellent suggestions have been submitted. IT professionals have until April 15 to submit more. UITS will compile these suggestions. Templates and other resources, possibly included reference cards (magnets), will be made available to IT professionals in early summer.
- The Oncourse error tracking window no longer appears and instead, the user simply receives an error message.
- UITS expressed concern about the accuracy of a dashboard because there can be issues that arise that are specific to an individual that would not be captured on the dashboard. An alternate strategy is to promote the use of the IT notices services that already provide this type of information.
- 7. Student Technology Fee Spending and Transition Update. Stacy Morrone distributed the IUPUI Undergraduate Student Information Technology Fund Highlights Report dated March 2012. The final report for the Student Technology Fee Transition will be finished over the summer. The report provides a brief summary of what has been done over the last two and a half years. Some strong partnerships have developed. The BS3000 testing center was renovated last summer. The SL 070A testing center will be renovated this summer. The issue of proctoring is left unresolved. Howard Mzumara, Director of the Testing Center, submitted an IUPUI general fee proposal for additional proctoring funds. That proposal is still pending. The software system to allow for scheduling tests is in progress. The student technology center (STC) software build is on 917 machines across campus. The budget is just over \$3M. The group discussed the STF transition. Some schools have not been able to find funds for school-specific technologies that had previously been covered by student technology fees. There was a suggestion that UITS meet with the student government, and the IT ambassadors to hear from the students about what they would like. The FCTC agreed to ask for feedback from the schools.
- 8. Virtualization of Desktops. Sue Workman introduced the topic of application virtualization. IU is developing new models for personal computing that manage machines without as many people. This new model consists of machine management, virtualization of applications, personalized enterprise storage, and enterprise printing model. Sue Workman introduced Duane Schau who provided more detail about virtualization of desktops. The Informatics and Communications Technology Complex (ICTC) has a tech showcase area that demonstrates how this works. Contact Sue Workman or Duane Schau if you would like to see this. The faculty use case is an application portal and managed machines. The student use case is a mobile computing lab environment. UITS wants to have the self-service software portal fully functional by Fall 2012. IUanyWARE, an on demand portal, is working now. For more information on IUanyWARE see the following url: https://iuanyware.iu.edu. Currently there are over 100 applications. Sue Workman may be contacted at sbworkma@iu.edu.
- 9. *Tracking Log.* The following items from today's meeting will be added to the Tracking Log: 1) STF Transition: ask for feedback from affected schools.
- 10. Other Business. N/A
- 11. *Adjournment*. The meeting adjourned at 11:00 a.m.

Next Meeting: Monday, April 16, 2012, 9:00 a.m. – 11:00 a.m., IT 541, Informatics and Communications Technology Complex (note location change)

IUPUI Faculty Council Technology Committee April 16, 2012

Minutes

Members Present: Brenda Burk, James Clack, Barbara Friesth (chair), Andrew Gavrin, Barbara Gushrowski, Anastasia Morrone (interim administrative liaison), Sandra Morzorati, Peter Nalin, Thomas Upton, Theresa Walsh (meeting recorder), Elizabeth Whipple

Members Absent: Mark Bannatyne, Connie Justice, Hadi Kharrazi, Michael Kubek, Suk-Hee Lee, Paula Magee, Kathleen Marrs (executive committee liaison), Michele Roberts, Kathryn Thedwall, LaQuia Walker

Guests: Mark Lynch, Manager, Support Systems, Licensing, and Software Distribution, Leveraged Support, University Information Technology Services (UITS); Jim Murray, Business Systems Director, Academic Advising, University Student Services and Systems (USSS); Duane Schau, Director, Leveraged Support, UITS; Karen Watkins, Interim Director, Enterprise Academic Systems, UITS; John Weakley, Director, System Infrastructure, UITS

Agenda:

- 1. Call to Order and Introductions
- 2. Approval of the Agenda
- 3. Chair's Report
- 4. Review and Approval of the Minutes from March Meeting
- 5.—Tracking Log
- 6. Electronic Advising, Academic Roadmap, FLAGS System (Fostering Learning, Achievement, and Graduation Success) (Jim Murray, Karen Watkins)
- 7. SharePoint (Mark Lynch, Duane Schau)
- 8. Information Policy Review (ISPP-26 and ISPP-27)
- 9. Experimental Immersive Classroom, IT 121 (Stacy Morrone)
- 10. Tracking Log
- 11. Other Business
- 12. Adjournment

Materials: (located on Oncourse project site, "FC Technology Cmte") Student Information Systems, USSS Academic Advising, IU-FLAGS short summary and status

- 1. Call to Order and Introductions. The meeting was called to order at 9:00 a.m.
- 2. *Approval of the Agenda.* The agenda was reviewed. The Tracking Log topic will be removed from today's agenda. The FCTC chair will ask for volunteers to work on the Tracking Log over the summer and it will come back to the committee in the fall. The agenda as amended was then approved.
- 3. Chair's Report. N/A
- 4. *Review and Approval of the Minutes from March Meeting.* The minutes of the March 19, 2012 meeting were reviewed and approved.
- 5. Electronic Advising, Academic Roadmap, FLAGS System (Fostering Learning, Achievement, and Graduation Success). Karen Watkins introduced Jim Murray, the project lead for the FLAGS System from University Student Services and Systems. Jim Murray distributed a handout with a short summary and status on FLAGS. Five key advising tools are: a) Academic Advisement Report (in SIS, advisor-assigned), b) Academic Planner (in SIS, advisor-assigned), c) My Advisees (in SIS, advisor-assigned), d) Notes system, and e) ePortfolio. After PeopleSoft went to a distributed form, departmental programmers in individual units now work on the Academic Advisement Report. If you need programming done, contact Jim Murray at jmurray@indiana.edu or at IUUSSAA@exchange.iu.edu. An FCTC member expressed concern about the manual entry of student information. Faculty need to look up the students one by one. A two to three week lag occurs when receiving information on a student who is having trouble.

- 6. SharePoint. John Weakley, Director of System Infrastructure, UITS, joined Duane Schau and Mark Lynch for the SharePoint agenda topic. Duane Schau said that there is a demand from the schools and departments for SharePoint. This was questioned during the meeting. UITS will provide support on how to model SharePoint in the schools and departments. SharePoint includes communities, collaboration, online content management, and a search engine. The FCTC members discussed the following concerns about SharePoint: different information is provided on what can be uploaded into SharePoint; security and privacy in SharePoint; more SharePoint training is needed; problems with which browser to use with SharePoint; there is a lag issue when opening a document; SharePoint tutorials and the IT training Web site, ittraining.iu.edu, for SharePoint classes. For more information, contact Duane Schau at dschau@iu.edu.
- 7. Information Policy Review (ISP-26 and ISP-27). Barbara Friesth, the FCTC chair, introduced the topic of two IU policies that the University Information Policy Office asked the FCTC to review: ISPP-26, Information and Information System Incident Reporting, Management, and Breach Notification; and ISPP-27, Privacy Complaints. Regarding ISPP-26, an FCTC member expressed concern that financing of any incident for ISPP-26 could suppress compliance. The concern of the FCTC is that there may be decreased compliance with the policy, if the unit in question considers the financial ramifications of an investigation. The example given was of a faculty member who misplaces a flash drive, and whether they may be less likely to report the incident if they thought the unit itself would be held financially responsible for the investigation. There were no recommendations for changes to ISPP-27. The FCTC did however request that centrally provided training materials and workshops be made available for faculty, staff, and graduate assistants related to privacy and security. Stacy Morrone will follow up on training related to privacy and security.
- 8. *Experimental Immersive Classroom, IT 121.* Stacy Morrone introduced the topic of the experimental immersive classroom. The FCTC saw IT 121 before when it was configured as a collaborative classroom. ES 1117 replicated the IT 121 collaborative classroom. Now IT 121 is configured as a new immersive classroom combining telepresence-like capability a wide angle view of the room. UITS is partnering with the School of Nursing on a new immersive classroom in the Nursing building. Stacy Morrone and Mark Russell provided a demonstration of the room. For more information, contact Stacy Morrone at amorrone@iu.edu.
- 9. Other Business. N/A
- 10. Adjournment. The meeting adjourned at 10:50 a.m.

Next Meeting: Fall 2012, TBA