TLT Preliminary Minutes 9/9/14

Attendees
Non-voting Members: R. Sweeney, Joe Bonchi, R. Arms, M. Khader,
Others: M. Koskinen, J. Walther, J. Soltis, N. Akter

Approval of April (4/8/14) minutes:
Approved unanimously

Membership
• Broken up into voting and nonvoting members
• Proposing a motion to, bring to faculty senate, make Bill Reynolds and Dave Ullman voting members
  Unanimously agreed upon by voting TLT attendees

TLT Committee focus for 2014-14 Academic Year - David Ullman
Dave suggests we form subcommittees to address the following pressing issues
• Update technology plans to align with 2020 vision - TLT working in collaboration with CITLAR and CISC committees
  • Committee Members:
    ▪ Michael Koskinen
    ▪ Ron Rockland
    ▪ Joe Bonchi
    ▪ Bill Reynolds
    ▪ David Ullman
• Converged class model - taking the concept in the 2020 vision and finding ways we can implement it at NJIT now; look at what our peers are doing as far as digitally enhanced learning, as well as what tools are being used
  • Committee Members:
    ▪ Andrew Klobucar
    ▪ Michael Khader
    ▪ Bryan Penczak
    ▪ Gale Spak
    ▪ Joanne Branin
    ▪ Bill Duelly
    ▪ David Ullman
• Undergraduate Computing Requirements - at one point students received computers or would build them. Undergrads now have to have access to a computer at their residence; however, the school of architecture requires students to buy a workstation class computer. Question to ask: is this still relevant, what are our peer institutions doing, what is the impact of having this requirement, should we encourage a bring-your-own-device (BYOD) policy, understanding networking requirements. Do we still need this requirement?
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- Committee Members:
  - Victor Matveev
  - Elizabeth Petrick
  - Alexei Khalizov
  - Nancy Coppola
  - Ryoko Mathes

- Software Library Policies - Process to prioritize software needs 6 months ahead, a system similar to what the Library has, joint committee with CITLAR
  - Committee Members:
    - Jolanta Soltis
    - Ann Hoang
    - Janice Daniel
    - Robert Arms
    - David Ullman

- Review of Physical and Virtual Learning Spaces - technologies we have set up in classrooms. What should be the next phase in physical classrooms and virtual classrooms? What are our peer institutions doing?
  - Committee Members:
    - Ellen Wisner
    - Yvette Wohn
    - Alexei Khalizov
    - Bruce Slutsky
    - Andres Jerez

- Additional sub-committees: Starting a forum in Moodle for other issues we think are critical to discuss

Update on teaching and learning spaces - Joe Bonchi

Central King Building -

- They are programming the building tomorrow
- 9 classrooms available tomorrow and a lecture room will not have audio/visual set-up but will be used today because we need a big room
- Within classrooms, you can use your finger as the mouse on the whiteboard
- Power-outlet under desks
- Moveable desks
- Whiteboards all around

GITC - Lab upgrades and classroom upgrades in the queue that will be done into the Fall and Winter

Prioritizing Needs - Setting some priorities on whether a classroom needs upgrading or some network issues; this is reviewed bi-weekly

Michael Maysilles' impression of CKB - beautiful large classroom, the technology is going to be wonderful, visually looks like one of the nicest places on campus; classrooms are going to be nice because of flexible furniture

Ron Rockland's comments - technology and environment need to work together in order to create a great classroom environment; how do we view a classroom in terms of it use? A class may fit 30 students, but will it be a good fit for giving exams in that classroom if 30 students are present?

Question:
Conference rooms that have no overhead (LCD video/PC) projectors; Joe can help work with people who want to get quotes for things but this is handled by department heads

Report on Technology Support Center - Michael Koskinen and Jenna Walther

Google+ -
- Google+ is now turned on for the NJIT committee; you can sign up and share information, as well as video-conference with up to 6 people with Google Hangouts

Moodle Support -
- Summer changed from 1.9 to 2.
- Faculty have met with Mike and Jenna and some faculty have really liked it and others not so much.
- Content has been migrated.
- We’re supporting faculty along the way.
- Nothing has blown up!–which is a plus!
- Still working on minor adjustments to ensure best quality for student and faculty experiences.
- Rumor: Google Classroom, but this has very little functionality. Mike can show you if you want to look at it. Anyone can sign up for it and try it out

Software Survey -
- Imaging was done over the summer; one thing Blake is trying to do is ensure software that is installed is used by students in the labs (in order to make sure it’s cost-effective).
- The software survey will ask students what they are using so we can make sure they are installed onto images
- Question: Some students are required to purchase software, is there any way to request software?
  - Jolanta: IST software has a request form and you can ask for software, if you ask ahead of time you can request it

Converged Classroom Pilot -
- Last Tuesday (9/2/14) we had our first converged class using Vidyo as a tool to connect remote students.
- Remote student can interact with students who are physically in the classroom; all students hear the same lecture, and asynchronous students can watch an archived version of the class.
- Instructor has a Co-Pilot, who will assist with the technologies required in the classroom.
- The Co-Pilot controls the software and help to relay the issues and questions the virtual students have to the faculty member.
- Questions: if we do more of this, how will we get more Co-Pilots?
  - We can possibly hire students or TA’s to do this in the future
Introduction of Nafiza Akter

- Work with faculty on designing or redesigning face-to-face, online, hybrid, or converged classes, as well as designing assessment and outcomes
- Nafiza can also help with providing information for ProctorU (Online Proctoring Services)
- Nafiza’s Contact Information:
  
  Nafiza Akter  
  e-mail: nafiza@njit.edu  
  phone: 973-642-7050

Pearson Embanet Relationship - Brian Penczak

- Designed to market online programs, started with Civil Engineering and expanded to three other exams
- Right now researching other degree(s) to add to this; 68 online graduate sections for Fall 2014
- Pearson has improved in enrollment over the years and we expect incline, along with adding more courses
- Retention - we are trying to figure out how the Pearson sections compare to the non-Pearson sections
- Are we addressing the issue of ensuring high-quality students?
  - Pearson normally works with Liberal Arts demographics, and this is their first experience with Engineering-like degrees.
  - They have been adjusting their targets as well as prospective numbers to accommodate our needs. Pearson is paid per section but also for keeping the students that are enrolled.
  - They check on the students and their statuses week-by-week in order to ensure retention.
  - Unofficial GPA's are right below the norm we have, at the moment
- Any plans to move this to Undergraduate?
  - Yes, but this is too early in the process; we have built 4 or 5 bridge courses for Engineering though
- Accreditation issues: if it does not count towards degree program, it's fine; otherwise, there is an issue.

Jim Lipumaa’s Thoughts on Converged Classroom

- Taking a face-to-face, which will be streaming and archived
- Jim’s class is Blended, Merged and Converged
- The course was a lot of work to conceptualize
- No major issues so far! Class ran smoothly
- Greatest thing: to have a Co-Pilot to help
Online student results and interaction: we will know what asynchronous students thought when we have them interact

Next meeting
- Tuesday, October 14th
- Hopefully in CKB
- Moodle section for discussion and adding resources: http://njit2.mrooms.net/course/view.php?id=3447