



**NEALLT 2017**  
**Learning Environments for Languages and Cultures**  
**Muhlenberg College**  
**March 3-5**

***Built Pedagogies:***  
**Learning Space Planning, Design and**  
**Implementation**

Pre-conference Workshop presented by  
**Luba Iskold & Tom Sciarrino**  
**Muhlenberg College**

## Workshop Outline:

- **Introduction & Background**
- **Needs Assessment**
- **Project Goals**
- **Findings from Faculty and Student Surveys**
- **Space Planning and Design**
- **Examples of Technology Use**
- **Hands- on activities**

## LLC @ Muhlenberg: History

- Muhlenberg College has a FL requirement
- We currently offer eight languages & five major/minor programs
- Our LLC was established in 1985-served for 30 years
- Designed for audio-lingual methodology & individual learners



## **LLC @ Muhlenberg: Looking Back**

**What were we doing? How did we attract students and faculty?**

- **duplicating audio and VHS tapes**
- **converting materials to CD & DVD formats**
- **leading faculty development initiatives**
- **producing faculty-developed MM materials for class**
- **allowing for student access to international keyboards**
- **offering editing/proofing tools for multiple languages**
- **providing access to TB materials, including video & labs**
- **delivering SCOLA & Dish Network programming**
- **assigning 10% of the grade for work in the LLC**
- **organizing tech workshops for faculty & for students**
- **promoting the uses of social media through student-led workshops**
- **making flyers for numerous academic & extra- curricular events**
- **accommodating for individual LLC sessions for faculty & for students**

Why should we worry about the **'existential threat'**?  
**What** has changed & **Why** redesign?



**What services is your Language Center currently providing ? Please check  
Cross out what you no longer do  
Other? Please add**

- duplicating audio and VHS tapes 66
- converting materials to CD & DVD formats
- leading faculty development initiatives
- producing faculty-developed MM materials for class
- allowing for student access to international keyboards
- offering editing/proofing tools for multiple languages
- providing access to TB materials, including video & labs
- delivering SCOLA & Dish Network programming
- assigning 10% of the grade for work in the LLC
- organizing tech workshops for faculty & for students
- promoting the uses of social media through student-led workshops
- making flyers for numerous academic & extra- curricular events
- accommodating for individual LLC sessions for faculty & for students
- Other? Please list:

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# What has changed??? Do we still need the LLC?

## Reviewing the List:

- ~~duplicating audio and VHS tapes~~
- ~~converting to new CD & DVD format- yes, but much less~~
- ✓ leading faculty development initiatives
- ~~producing faculty-developed MM materials for class~~
- ~~allowing for student access to international keyboards~~
- ~~offering editing/proofing tools for multiple languages~~
- ~~providing access to TB materials, including video & labs~~
- ✓  ~~delivering SCOLA & Dish International Network programming~~
- ~~assigning 10% of the grade for work in the LLC~~
- ✓ organizing tech workshops for faculty & for students
- ✓ promoting the uses of social media through student-led workshops
- ✓ making flyers for numerous academic & extra curricular events
- ✓ arranging individual LLC sessions for faculty & for students

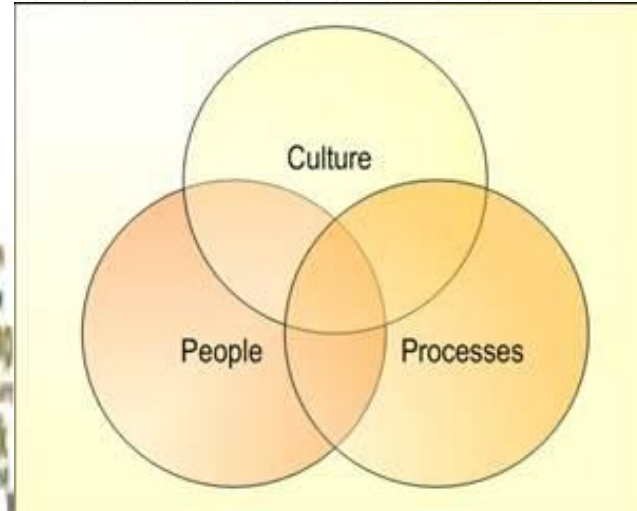
# Examine your revised list and decide what is changing or has already changed???

- Technology is transforming daily life
- The world is changing
- The College's mission is changing
- Campus culture is changing
- Students are changing
- Textbooks are changing
- Approaches to teaching are changing





**Broadly defined project goal:**  
**Changing the 'threat' to an opportunity**



From **Language Lab** → **LLC /LRC** → **GLC**

**Goal: Changing the 'threat' to an opportunity for ...**

- increasingly global learning
- curricular & co-curricular interdisciplinarity
- collaborative learning culture
- serving diverse student population
- service learning experiences



# What's the Plan? What would you like to be able to do in your transformed space?

- Engage international students
- Provide resources for short-term study abroad programs
- Accommodate for students with special needs
- Organize face-to-face conversation partnerships
- Connect students with local communities
- Facilitate digital connections
- Pilot innovative technologies
- Other? Please list:



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## What steps might be useful in thinking about the space that would help you reach our goals? Please check:

- Observing/documenting current use of the LLC
- Reviewing the relevant literature
- Attending Webinars
- Engaging students in online research of LC at other schools
- Visiting other institutions
- Inviting guest speakers
- Engaging faculty: Faculty Focus Groups
- Engaging students: Student Focus Groups
- Faculty Survey
- Student Survey
- Working with various departments on campus
- Other? Please list:

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# Engaging Stakeholders

- Faculty/Students Focus Groups
- Faculty/Students Surveys
- Vendor Presentations



# Space Design: What kind of space do we envision?

Flexible & adaptable? Please check:

- Multi-purpose
- Uncluttered
- Well-lit
- Flexible
- Visible
- With Potential for spontaneous re-configuration
- Other?

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## Space Use: More specific objectives

- Class/workshop: 24 seats? More?
- Collaborative Spaces 2-6 seats?
- Small group: 8-10 seats
- Quiet spaces/Individual users
- BYOD?

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# Faculty Survey

**Faculty Survey: New Language Center Use and Design**

**Name:** \_\_\_\_\_

## **1. Pedagogical Needs**

**I am interested in scheduling in the New Language Center**

## **2. Design**

**The new Language Center should be designed as a space that**

## **3. Use**

**I will most likely use in the new Language Center:**



## Faculty Survey: Pedagogical Needs

Judgments were made on a 5-point scale (5 = strongly agree, 1 = strongly disagree); n = 14

Question	Mean
1. CUE seminars and meetings	3.56
2. Small classes	4.00
3. Language Club meetings	4.72
4. Language Conversation Table	4.67
5. Conversation Partnership sessions	4.67
6. Tutoring sessions	4.17
7. Collaborative assignments for class	4.61
8. Group workshops for students	4.44
9. International TV Programming	3.94
10. International News	3.89
11. Group Teleconferencing	4.67
12. Occasional class meetings	3.78

# Faculty Survey: Design

Judgments were made on a 5-point scale (5 = strongly agree, 1 = strongly disagree); n = 22

Question	Mean
1. Encourages student interaction	4.67
2. Accommodates for large-groups	3.67
3. Enables small-group activities	4.83
4. Provides privacy and quiet spaces for individual learners	4.72
5. Allows for learning and interaction in a semi-formal setting	4.50
6. Permits comfortable student gathering or studying w/o technology	4.28
7. Can be re-purposed/reconfigured relatively easily	4.78
8. Can be easily upgraded with emerging technologies in the future	4.89
9. Visible from hallway	4.11

# Faculty Survey: Technology

<b>I will most likely use in the LLC:</b>	<b>Yes</b>	<b>No</b>
<b>1. Desktop PC</b>	<b>71%</b>	<b>29%</b>
<b>2. Laptop PC</b>	<b>81%</b>	<b>19%</b>
<b>3. iPad</b>	<b>53%</b>	<b>47%</b>
<b>4. Desktop Mac</b>	<b>23%</b>	<b>77%</b>
<b>5. Laptop Mac</b>	<b>62%</b>	<b>38%</b>
<b>6. Bring my own device</b>	<b>47%</b>	<b>53%</b>

## Faculty Survey: Technology

<b>My students will most likely use in the LLC</b>	<b>Yes</b>	<b>No</b>
<b>1. Desktop PC</b>	<b>76%</b>	<b>24%</b>
<b>2. Laptop PC</b>	<b>73%</b>	<b>27%</b>
<b>3. iPad</b>	<b>73%</b>	<b>27%</b>
<b>4. Desktop Mac</b>	<b>64%</b>	<b>36%</b>
<b>5. Laptop Mac</b>	<b>86%</b>	<b>14%</b>
<b>6. Bring my own device</b>	<b>88%</b>	<b>12%</b>

# Budget Proposal: Hardware

**Permanent Stations with Laptops (8 total):**

**6 PC Laptops**

**2 Mac Laptops**

**Loan Laptops (16 total):**

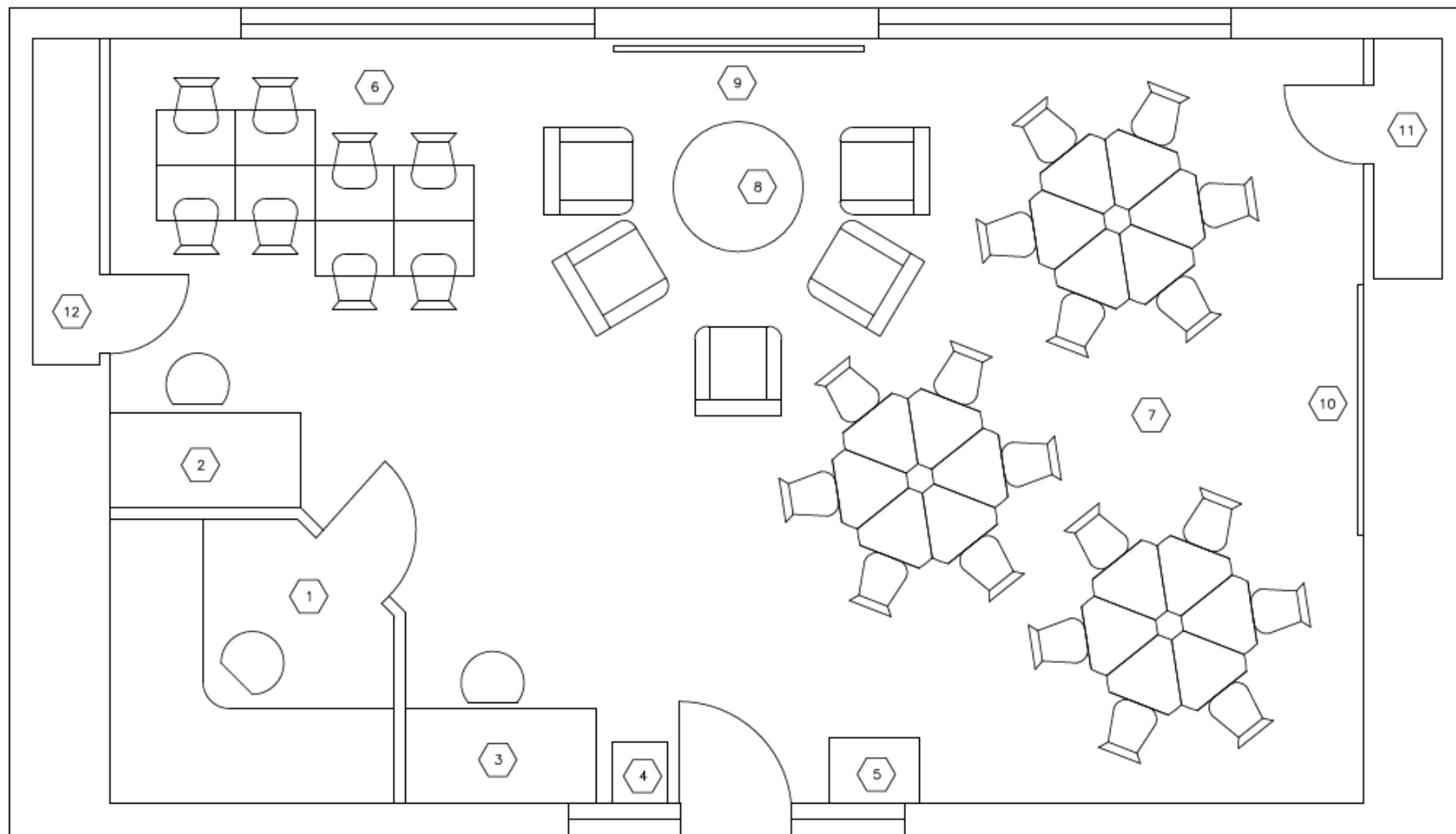
**10 PC Laptops**

**6 Mac Laptops**

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**Total Laptops 24 (class size)**

**Loan iPads 10**



### GLC Layout Legend (3/12/16)

1	Lab Technician Office	7	Class/Workshop Area
2	Presidential Assistant Desk	8	Social Space
3	Student Worker Desk	9	Large LCD/TV Screen
4	Printing Station	10	Projection Screen
5	Coffee Table	11	Power/Tech Closet
6	Individual Study Area	12	Storage Closet

# Technology Review- Faculty

- The ways faculty currently teach
- The ways faculty would like to teach
  - Include video conferencing tools- Zoom, Skype
  - Flexible learning space that can be easily reconfigured to meet individual faculty needs
  - Interactive presentation tools- Epson interactive projector
  - Integrated support for blended learning
- Expanded tool set
  - Gaming- Augmented and Virtual reality

# Technology Review- Students

- The ways students currently learn**
  - Provide campus standard classroom tool set
  - Preloaded workstations for drop-in work
- The ways students would like to learn**
  - BYOD support- Mirroring 360
  - Spaces for collaborative group work
  - independent presentation locations
  - Whiteboard space
- Provide tools that expand what students learn**
  - Gaming- Virtual reality
  - Space for viewing required films outside of the library





**List five keywords to describe the most important things  
in each category:**

**1. Pedagogical Needs:**

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**2. Space Design:**

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**3. Space Use:**

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## Hands-on with Technology

- Epson Brightlink Interactive Projector
- Smart Kapp Boards
- Samsung Smart TV
- Mirroring 360
- Zoom
- Interactive Digital Map
- Display Cases- QR Codes

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Don't be afraid to challenge design conventions