New Spaces,
New Opportunities
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Today’s Questions:

- Why renovate?
- What did we do and what were the results?
- What can we learn by looking at this process and sharing our ideas?
Learning spaces at WF are...
Existing Frustrations?
Why Renovate?

Learning Space

Learning Goals

misalignment
What did we do?
What did we do?
A little tour!
What were the results?: Faculty Assessment

- Increased comfort creates a more **positive environment** for learning.

- Increased flexibility in the space fosters **active learning** and enhances its **effectiveness**.
What were the results?: Student assessment

“I like our classroom a lot because the chairs are easy to move around, which I think facilitates group learning and interaction. The ability to move around so easily is definitely an advantage that our classroom has over other rooms I've seen.”
What were the results?: Student assessment

“I like space that allows me to move around a little bit during class. That is why I like the chairs in our class. I am not a big fan of the auditorium style classrooms. It makes lectures and discussions seem considerably more disconnected than when they happen in a more interactive classroom.”
What were the unexpected results?

- Smartboard
- Moveable Tables in 206
- Chaos and Clutter or “The Battle of the Chairs”
What were the unexpected results?

- *Smartboard*  →  Faculty & Technology…
- *Moveable* Tables in 206  →  Intuition vs. Expertise…
- Chaos and Clutter *or* “The Battle of the Chairs”  →  Diverse faculty needs & styles… Resistance?
Lessons Learned?
Lessons Learned...

Innovation ≠ Transformation
Lessons Learned...

Collect Data: Faculty needs, buy-in, and willingness to learn

Consult experts-IT and IS, Facilities, Interior Designers (some schools), Research, Existing Classrooms

Create diverse classroom spaces for various pedagogical needs

Constant Assessment and Adaptation: Testing? Swapping?
Design Thinking

Empathize
- Engage Stakeholders, Watch, and Listen

Define
- Bring Clarity & Focus
- Synthesize & Select limited set of Needs to fulfill
- Express Insights developed
- Articulate a point of view by combining User, Needs, & Insight

Test
- Solicit Feedback about the prototypes created.
- Show – don’t tell. Let the tester interpret the prototype.
- Create Experiences that User can react to
- Ask Users to compare prototypes

Prototype
- Iterative generation of artifacts intended to answer questions that get closer to final solution.
- Start Building
- Don’t spend too much time on one prototype.
- Build with the User in Mind.

Ideate
- Concentrate on Idea Generation
- Foster innovative solutions
- Combine conscious & unconscious mind, and rational thoughts with imagination – brainstorming, mind-mapping, sketching.

Lessons Learned…

How do we value innovative and transformative teaching?
Resources:

- *Journal of Learning Spaces* (online)

- Learning Space Workshop Guide