Collaboratorium: Designing Fluid Educational Spaces

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Learning Styles - Fluidity is Equity
Where do good ideas come from?
The Liquid Network - An Ecosystem of Resources
Promoting Idea Exchange - Technical, Methodological and Social Skills
L3Harris Case Study - Transformation from Plant to Campus

- Recruitment of New Energy
- Retainment (Job Satisfaction)
- Career Path Understanding
- 360-degree Mentoring
- Succession Planning
- Leadership & Soft Skills
- Innovation & Creativity
- Critical Thinking
- Cultural Mindset
L3Harris Case Study - Breaking Out of the Box
L3Harris Case Study - 3 Teams, 3 Spaces, 3 Results

26 Ideas

46 Ideas

102 Ideas
If this is the workplace students will enter, what does the future of collaborative learning environments look like?
Lyman Career Innovation Center - Cross-Disciplinary Engagement

PROGRAM LEGEND
- Conference/Meeting
- General Classroom
- High Bay
- Welding Lab
- Collaboration
- Building Support
- Mech/Elec/Comm
- Circulation

FLOOR PLAN | Ground Level
Not to scale
Lyman Career Innovation Center - Re-branding Career Pathways

• Enrollment & Retention
• Access & Equity
• Need for Soft Skills
• Siloed Students
• Lack of Cross-Disciplinary Engagement - "On/Off Ramps"
• Public Perception
• Lack of Funding for Professional Development
A request for something new, a **differentiator** for Seminole County. A space that offers an **opportunity** for students and faculty to **bolster** their respective programs in new ways.
Lyman Career Innovation Center - Going Beyond the Classroom

• A process for ongoing student voice and opportunities to meet with current industry leaders
• Local internships and job offers, soft skill development for interviewing
• Flexible education space

• Collaborative space for teachers, business partners and stakeholder
• Appealing building design to attract students
• Build industry relationships
• Mentorship with experienced trade workers

• Build industry relationships
• Future-ready students with critical thinking and problem-solving skills
• Creation of cross-curricular projects and communication
Lyman Career Innovation Center - Defining the Ecosystem

Think Sites
Where a teacher and a few students can work together

Impact Sites
Accommodate a half or full class and sometimes serves as a presentation area

Experience Sites
Idea gathering spaces (Dynamic or static)
Collaboratorium

A space which cultivates an intentional intersection between pedagogy and practicum so students can hone critical thinking skills and develop a cross-disciplinary mindset. Through sustainable collaboration, students, faculty, the community, business leaders and beyond can have engaging and impactful “conversations” that spur innovation in thought and ideas.
Lyman Career Innovation Center - A Fluid Network of Learning Spaces

1. MEET/THINK
2. CREATE
3. BREAK-OUT
4. “Think site”
5. “Impact site”
6. “Experience site”
7. View opportunity
What are the possibilities?

- Student presentation area (real-time and display areas)
- Project exhibit
- Host club, student organizations
- Provide a space for local industry groups to meet
- Community education evenings
- Soft skill development (i.e. mock interviews, student-guided tours, resume workshops)
- Curriculum on display for prospective and existing students
- Wall for displaying accolades and achievements
- Building as a teaching tool
- Hands-on learning tool area for tinkering, prototyping, etc
- Project-based learning zones
- Space for crowdsourcing ideas
- Problem of the day
Impact and Experience Sites
Impact and Experience Sites
Impact Site
What is next?
School of Thought Competition - Scaling the Collaboratorium
What does your Collaboratorium look like?

Questions?