

MORE THAN FURNITURE

EVALUATING AND TRANSFORMING LEARNING SPACES

SUNY GENESEO



INTRODUCTIONS

SUE CHICHESTER, CIO • LAURIE FOX, EDUCATIONAL TECHNOLOGY

Session Objectives

- * Introduce the Educause Learning Space Rating System (LSRS)
- * Review the Geneseo Project
 - * Alignment of Learning Spaces with Campus Strategy
 - * Alignment of Faculty, Pedagogy, and Space
 - * Our Learning Space Ratings
- * How to Participate in Learning Spaces Communities

The Educause Learning Space Rating System

- * *The LSRS is “a set of measurable criteria to assess how well the design of classrooms support and enable active learning”*
- * *Geneseo began with **Version 1***
- * ***Version 2** released in March 2017*



LSRS

- * Modeled after the LEED program
- * Framework for measuring formal learning spaces
- * National benchmarking system
- * Measurable criteria
- * Holistic approach
- * Encourages active learning and engagement
- * Seeks to create and foster the development of an ecosystem of learning spaces



LSRS Scoresheet

Learning Space Rating System (LSRS) | Scoresheet

Version 2.0
 Creative Commons CC-BY
 Feb. 2017
[LSRS web site](#)

Instructions

- 1 Review the rating system document to identify the credits you'll be scoring and the types of evidence you will need to collect
- 2 Choose the spaces you wish to rate.
- 3 Make a copy of this spreadsheet file for each space to be rated. Name one copy for each space using the file naming convention: institution_name_building_roomnumber_MMDDYYYY
- 4 Walk through each space and rate it using each credit's scoring criteria. Enter point total into the "Earned Points" column. In the evidence cell, describe the evidence you have collected to justify the score.
- 5 For each room's total points on each of the six sections and rating, go to the LSRS Score Summary Sheet (second tab), which is populated with the values from the earned points column, according to the weighting of sections shown.
- 6 Provide photos of the space labelled with similar file naming convention as in the link area below by embedding them in the third tab on this document.
- 7 Consider using the Notes field to list the locations (URLs, etc...) for the evidence for credit.

Room Information:

Institution:	<insert institution name>
Building:	<insert building name>
Room No:	<insert room number>
Link to photos:	<insert link to photos>

Section	Credit Number	Credit Title	Maximum Points	Earned Points	Notes on Evidence for Credit
PART A					
Section 1. Integration with Campus Context					
ICC	1.1	Alignment with Campus Academic Strategy	1		
ICC	1.2	Learning Space Master Plan	1		
ICC	1.3	Compatibility with Campus IT Technology Infrastructure and Plans	1		
ICC	1.4	Commitment to Evidence-Based Research and Assessment	1		
ICC	1.5	Campus Leadership for Learning Spaces	1		
			5	0	
Section 2. Planning Process					
PP	2.1	Stakeholder Engagement	2		
PP	2.2	Evidence-Based Planning and Design	1 or 2		
PP	2.3	Pilots and Prototypes	1 or 2		
PP	2.4	Evaluation Plan	1		
PP	2.5	Dissemination of Findings	1		
			6 - 8	0	
Section 3. Support and Operations					
SO	3.1	Support	1		
SO	3.2	Space Orientation and Training	1		
SO	3.3	Training of Support Team	1		
SO	3.4	Faculty/Instructor Development	1		
SO	3.5	Financial Sustainability of Operations	1		
SO	3.6	Scheduling Systems	1		
SO	3.7	Diverse Patterns of Use	1		
			7	0	

Section	Credit Number	Credit Title	Maximum Points	Earned Points	Notes on Evidence for Credit
PART B					
Section 4. Environmental Quality					
EQ	4.1	Daylight	1		
EQ	4.2	Views to Outdoors	1		
EQ	4.3	Interior Visibility	1		
EQ	4.4	Lighting Control	1 or 2		
EQ	4.5	Thermal Comfort	1		
EQ	4.6	Acoustic Quality	1		
EQ	4.7	Environmental and Cultural Inclusiveness	1		
EQ	4.8	Accessibility and Universal Design	1		
			8 - 9	0	
Section 5. Layout and Furnishings					
LF	5.1	Proximities within Space	1		
LF	5.2	Movement Through Space	1		
LF	5.3	Seating Density	1 or 2		
LF	5.4	Furniture Configuration Flexibility	1, 2 or 3		
LF	5.5	Work Surfaces	1		
LF	5.6	Seating Comfort	1		
LF	5.7	Movable Partitions	1		
LF	5.8	Transparency	1		
LF	5.9	Access to Adjacent Informal Learning Areas	1		
LF	5.10	Writable Surfaces	1		
LF	5.11	Physical Storage	1		
LF	5.12	Future Proofing	1		
			12 - 15	0	
Section 6. Technology and Tools					
TT	6.1	Electrical Power	1		
TT	6.2	Network Connectivity	1		
TT	6.3	Visual Displays	1, 2 or 3		
TT	6.4	Sound Amplification	1 or 2		
TT	6.5	Audio/Visual Interface and Control	1		
TT	6.6	Distributed Interactivity	1		
TT	6.7	Session Capture and Access	1		
			7 - 10	0	

LSRS Scoresheet Summary

Room Information:

Institution:	<insert institution name>
Building:	<insert building name>
Room Number:	<insert room number>
Link to photos:	<insert link to photos>

Type of Space Being Rated:

Room Assessment Total

	No. of Possible Points (1)	Weighting of Section (2)	Earned Points (calculated from scoresheet tab)	Percentage Achieved (3)	Section Score (4)
Part A					
ICC 1 Integration with Campus Context	5	10%	0	0.0	0.0
PDP 2 Planning & Design Process	6 - 8	15%	0	0.0	0.0
SO 3 Support & Operations	7	15%	0	0.0	0.0
					0.0
Part B					
EQ 4 Environmental Quality	8 - 9	20%	0	0.0	0.0
LF 5 Layout & Furnishings	12 - 15	20%	0	0.0	0.0
TT 6 Technology & Tools	7 - 10	20%	0	0.0	0.0
					0.0
Total Credits (5)	45 - 54	100%			0.0

Notes:

- (1) Total potential points available in each section
- (2) The section's points as a proportion of total points available, as a percentage, in order to weight the relative importance of each section
- (3) The percentage of points achieved out of the total available points
- (4) The final number of points per section, calculated by multiplying the points received by the weighting factor
- (5) The total final number of points, rounded to the nearest point

LSRS Sections

1. Integration with Campus Context
2. Planning & Design Process
3. Support & Operations
4. Environmental Quality
5. Layout & Furnishings
6. Technology & Tools

**Points are
awarded based
on six different
criteria**



LSRS Scoring

- * **Institutional Readiness**

- * Integration with Campus Context: 5 credits total (10%)
- * Planning and Design Process: 6-8 credits total (15%)
- * Support & Operations: 7 credits total (15%)

- * **Physical Space**

- * Environmental Quality: 8-9 credits total (20%)
- * Layout & Furnishing: 12-15 credits total (20%)
- * Tools & Technology: 7-10 credits total (20%)

Integration with Campus Context - Part A, Section 1

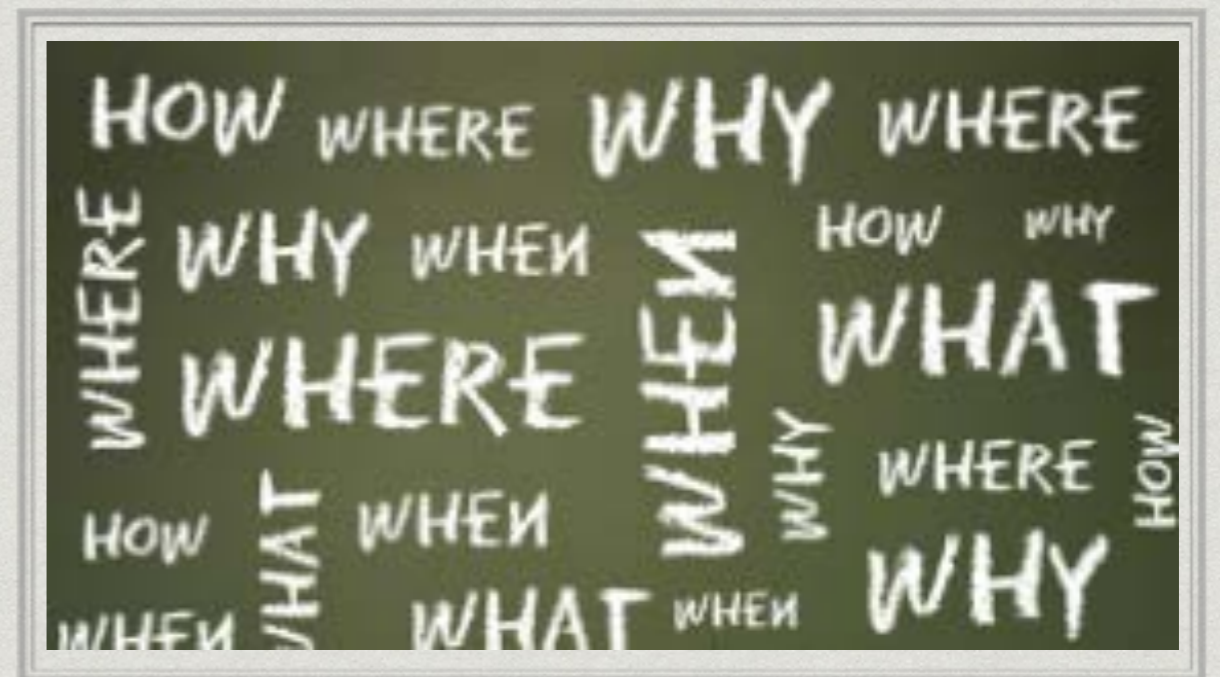
- * Aligning with campus academic strategy
- * Learning Space Master Plan
- * Compatibility with IT Infrastructure and Plans
- * Commitment to Evidence-Based Research and Assessment
- * Campus Leadership for Learning Spaces



Planning and Design Process

Part A, Section 2

- * Stakeholder engagement
- * Evidenced based Planning and Design
- * Pilots & Prototypes
- * Evaluation Plan
- * Dissemination of Findings



Support and Operations

Part A, Section 3

- * Support
- * Space Orientation and Training
- * Training of Support Team
- * Faculty Development
- * Financial Sustainability of Operations
- * Scheduling Systems
- * Diverse Patterns of Use





PROJECT

GENESEO'S LEARNING SPACE JOURNEY ALIGNING TO THE STRATEGIC PLAN

DATE

THE FUTURE

CLIENT

THE RIGHT PEOPLE

Geneseo 2021: Seeing Beyond the Horizon

- * Four Focus Areas:
 - * Learning
 - * Access and Success
 - * Advancing the Public Good
 - * Resilience and Sustainability



www.geneseo.edu/spg/strategic-plan-2021

Strategic Plan as a Project

- * Focus 1 - Learning
 - * Objective 3: Build a more effective and integrated learning and information infrastructure.
 - * D. Add facilities that support live interaction with students and faculty at other institutions, including international locations.
 - * E. Replace outdated classroom furniture with furniture designed for modern instructional technologies.

Learning Spaces

- * Founded 1871
- * State Construction Fund
- * 1960 – 1980 Building Surge
- * Replacing classroom furniture isn't anybody's responsibility



2015–16 Rating Our Spaces

Who & What?

- * Office of the Provost & CIT
- * Faculty-nominated spaces for consideration
- * Defining “Campus Context” and Support
- * Review of recent renovations

Why?

- * Transition spaces to support flexible, active, and engaged learning
- * Collaborative approach to remodeling
- * Strategic approach to planning and design
- * Meaningful comparisons – prioritize needs
- * National benchmark

Geneseo Part A Detail

Section	Credit Number	Credit Title	Maximum Points	Earned Points	Notes on Evidence for Credit
PART A					
Section 1. Integration with Campus Context					
ICC	1.1	Alignment with Campus Academic Strategy	1	1	
ICC	1.2	Learning Space Master Plan	1	1	
ICC	1.3	Compatibility with Campus IT Technology Infrastructure and Plans	1	1	
ICC	1.4	Commitment to Evidence-Based Research and Assessment	1	1	
ICC	1.5	Campus Leadership for Learning Spaces	1	1	
			5	5	
Section 2. Planning Process					
PP	2.1	Stakeholder Engagement	2	2	
PP	2.2	Evidence-Based Planning and Design	1 or 2	2	
PP	2.3	Pilots and Prototypes	1 or 2	1	
PP	2.4	Evaluation Plan	1	0	
PP	2.5	Dissemination of Findings	1	0	
			6 - 8	5	
Section 3. Support and Operations					
SO	3.1	Support	1	1	
SO	3.2	Space Orientation and Training	1	1	
SO	3.3	Training of Support Team	1	1	
SO	3.4	Faculty/Instructor Development	1	1	
SO	3.5	Financial Sustainability of Operations	1	1	
SO	3.6	Scheduling Systems	1	1	
SO	3.7	Diverse Patterns of Use	1	1	
			7	7	

Geneseo Part A Summary

			Room Assessment Total		
			Earned Points (calculated from scoresheet tab)	Percentage Achieved (3)	Section Score (4)
			No. of Possible Points (1)	Weighting of Section (2)	
Part A					
ICC 1	Integration with Campus Context	5	10%	5	10.0
PDP 2	Planning & Design Process	8	15%	5	9.4
SO 3	Support & Operations	7	15%	7	15.0
					34.4

- * The Part A score for all of our rooms is **34.4**.
- * Lost points in **Planning & Design Process**.

Geneseo Part B

Section	Credit Number	Credit Title	Maximum Points	Earned Points	Notes on Evidence for Credit
PART B					
Section 4. Environmental Quality					
EQ	4.1	Daylight	1		
EQ	4.2	Views to Outdoors	1		
EQ	4.3	Interior Visibility	1		
EQ	4.4	Lighting Control	1 or 2		
EQ	4.5	Thermal Comfort	1		
EQ	4.6	Acoustic Quality	1		
EQ	4.7	Environmental and Cultural Inclusiveness	1		
EQ	4.8	Accessibility and Universal Design	1		
			8 - 9	0	
Section 5. Layout and Furnishings					
LF	5.1	Proximities within Space	1		
LF	5.2	Movement Through Space	1		
LF	5.3	Seating Density	1 or 2		
LF	5.4	Furniture Configuration Flexibility	1, 2 or 3		
LF	5.5	Work Surfaces	1		
LF	5.6	Seating Comfort	1		
LF	5.7	Movable Partitions	1		
LF	5.8	Transparency	1		
LF	5.9	Access to Adjacent Informal Learning Areas	1		
LF	5.10	Writable Surfaces	1		
LF	5.11	Physical Storage	1		
LF	5.12	Future Proofing	1		
			12 - 15	0	
Section 6. Technology and Tools					
TT	6.1	Electrical Power	1		
TT	6.2	Network Connectivity	1		
TT	6.3	Visual Displays	1, 2 or 3		
TT	6.4	Sound Amplification	1 or 2		
TT	6.5	Audio/Visual Interface and Control	1		
TT	6.6	Distributed Interactivity	1		
TT	6.7	Session Capture and Access	1		
			7 - 10	0	

GENESEO LEARNING SPACE EXAMPLES

- * NEW BUILDING
- * DESIRE FOR
PEDAGOGICAL SUPPORT
- * OLD SCHOOL





BAILEY 101-102

INSTALLED 2014

Bailey 101-102 Score

			Room Assessment Total		
			Earned Points (calculated from scoresheet tab)	Percentage Achieved (3)	Section Score (4)
			No. of Possible Points (1)	Weighting of Section (2)	
Part A					
ICC	1	Integration with Campus Context	5	10%	10.0
PDP	2	Planning & Design Process	8	15%	9.4
SO	3	Support & Operations	7	15%	15.0
					34.4
Part B					
EQ	4	Environmental Quality	9	20%	13.3
LF	5	Layout & Furnishings	14	20%	12.9
TT	6	Technology & Tools	10	20%	10.0
					36.2
Total Credits (5)			45 - 54	100%	71.0



SOUTH HALL 235

INSTALLED 1996

South Hall 235 Score

Room Assessment Total

	No. of Possible Points (1)	Weighting of Section (2)	Earned Points (calculated from scoresheet tab)	Percentage Achieved (3)	Section Score (4)
Part A					
ICC 1 Integration with Campus Context	5	10%	5	1.0	10.0
PDP 2 Planning & Design Process	8	15%	5	0.6	9.4
SO 3 Support & Operations	7	15%	7	1.0	15.0
					34.4
Part B					
EQ 4 Environmental Quality	9	20%	5	0.6	11.1
LF 5 Layout & Furnishings	14	20%	5	0.4	7.1
TT 6 Technology & Tools	10	20%	6	0.6	12.0
					30.3
Total Credits (5)	45 - 54	100%			65.0



WELLES 134

CIRCA 1970

Welles 134 Score

Room Assessment Total

	No. of Possible Points (1)	Weighting of Section (2)	Earned Points (calculated from scoresheet tab)	Percentage Achieved (3)	Section Score (4)
Part A					
ICC 1 Integration with Campus Context	5	10%	5	1.0	10.0
PDP 2 Planning & Design Process	8	15%	5	0.6	9.4
SO 3 Support & Operations	7	15%	7	1.0	15.0
					34.4
Part B					
EQ 4 Environmental Quality	9	20%	4	0.4	8.9
LF 5 Layout & Furnishings	15	20%	5	0.3	6.7
TT 6 Technology & Tools	10	20%	3	0.3	6.0
					21.6
Total Credits (5)	45 - 54	100%			56.0

Capacity72 (8 round tables of 9 students)

Layout: Work surfaces for notebooks, laptops, and textbooks: large, shared tables

Furniture: Comfortable furniture: adjustable, ergonomically approved chairs

Technologies: Access to infrastructure: power for student laptops, networked printing, desktop computers available. Access to resources: LMS, internet (via laptops or available desktops)

Acoustics: Acoustic design: acoustically treated doors and windows to avoid distraction

Lighting / colour: Appropriate lighting for individual work. Intentional use of color to promote focus.



LSRS SCORE = 91 (VERSION 1)

MCGILL UNIVERSITY, ADAM FINKELSTEIN



BEFORE

MCGILL UNIVERSITY, ADAM FINKELSTEIN

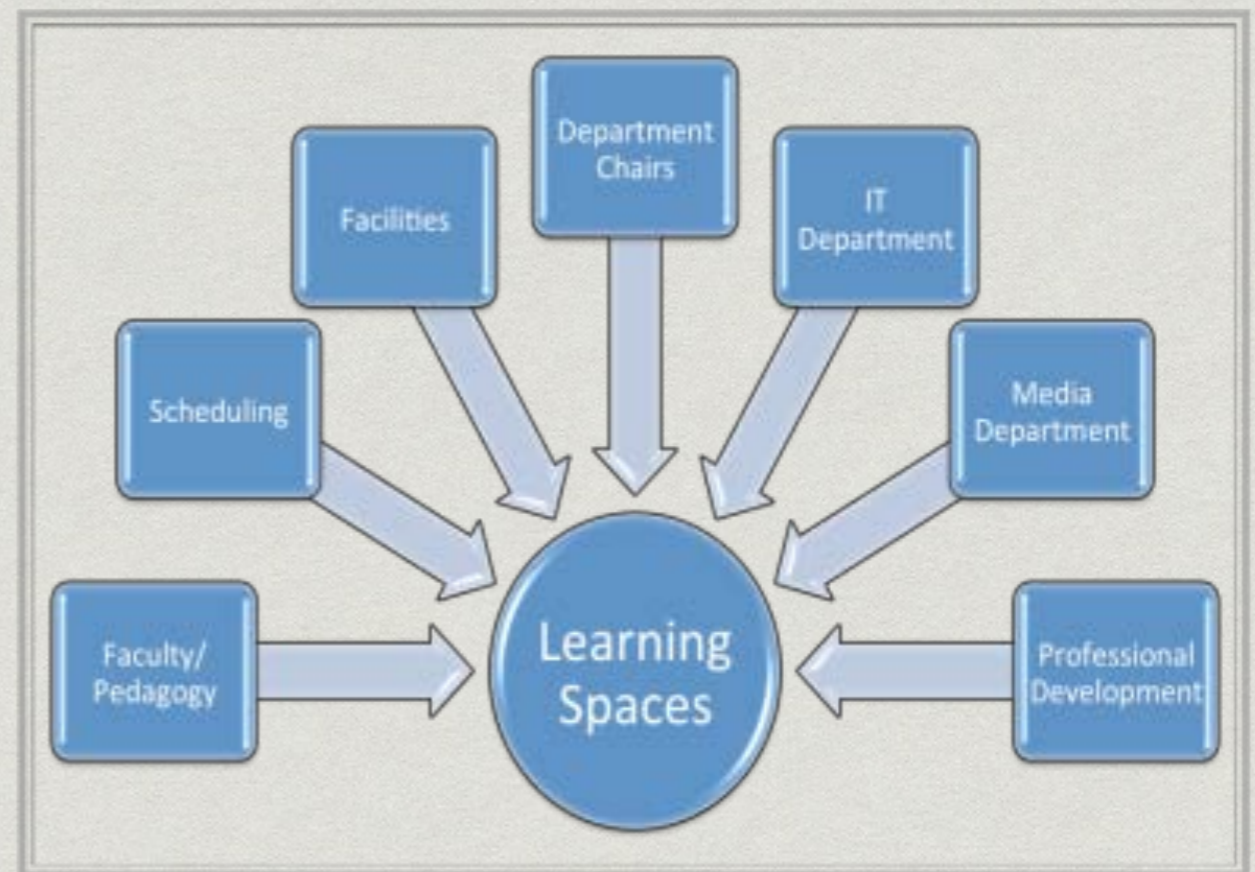
Geneseo Rating Interpretation

WE CAN DO BETTER!

WHAT'S NEXT FOR GENESEO?

Strengthen Planning and Stakeholder Engagement

- * Use LSRS and campus input to identify learning spaces to update
- * Use LSRS as a best practice tool in future learning space planning conversations with users of space and Facilities Planning Office
- * Place more importance on Piloting and Prototyping new design solutions for spaces.
- * Follow up with users of new and updated spaces
- * Provide orientation to new users



Learning Space Standards

- * Use LSRS to determine learning space standards for Geneseo.
 - * Direct access to daylight
 - * Sightline requirements
 - * Lighting control flexibility
 - * Thermal Comfort and Acoustics (know standards)
 - * Aesthetically pleasing
 - * Accessibility and Universal Design
 - * Seating Density and comfort
 - * Work Surfaces
 - * Configuration Flexibility
 - * Power
 - * Future Proofing

Right-Sizing and Scheduling

- * Culture shift in how we schedule learning spaces
- * Matching faculty pedagogy to learning spaces
- * Scheduling
- * Seating Density
- * Data Driven



Innovation

- * Campus Leadership for Learning Spaces
- * Show me the money
- * Curricular innovation drives justification for modifying spaces
- * Be Ready!!



Learning Spaces Communities

- * Educause Learning Initiatives – Learning Spaces Rating System
<https://www.educause.edu/eli/initiatives/learning-space-rating-system>
- * Educause Learning Spaces Slack Channel
<https://edulearningspaces.signup.team>
- * Educause Learning Space Design Constituent Group
<https://www.educause.edu/discuss/learning-space-design-constituent-group>
- * FLEXspace – Flexible Learning Environments Exchange
<http://flexspace.org>

QUESTIONS – THANK YOU