

Instructional Space Project Request

2013-15 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Milwaukee	285-0B-1983	Bolton Hall

Location ID B79, B83, B87, B91

Project Title Bolton Hall B79/B83/B87/B91 Active Learning

Project Intent

The intent of this project is to reconfigure (4) existing general assignment, non-mediated classrooms and pair them to provide campus with (2) centrally located active learning rooms.

Project Description

The creation of two 1200 ASF active learning classrooms in Bolton Hall will be achieved with the removal of two walls between four adjacent 600 ASF classrooms. These remodeled spaces will receive new finishes and surface treatments and the HVAC ducts will be upgraded to improve distribution and ventilation. The rooms will be designed to foster an interactive, student centered learning experience and function with student laptops. New group size tables for groups of six to eight students with a room capacity of 42. Each room will have switchable laptop technology, multi scene lighting, multiple flat panel monitors and a display projection system. A central teaching station will allow the instructor to select and display table specific information on a central screen.

Project Justification

The campus master plan identified a 31,000 ASF classroom shortage by 2017. Classroom utilization continues to show constant demand averaging between 39 and 41 hours per week of scheduled use for the current 160 general assignment classrooms during the last seven years. The 2012 Classroom demand analysis shows a shortage of eight rooms with capacities between 40 and 53. The Space Planning Committee identified a teaching/learning theme to help address the classroom shortage and instructional technology gap. A pre-design planning group listed the creation of a cooperative learning environment as it top priority. This will encourage students to collaborate with peers and increase interaction between instructor and student. The process of active learning will allow instructors to coach students during activities by assisting them in answering their own questions. Students will be able to present their results to classmates for peer review and immediate feedback. The campus' first active learning classroom will be constructed in the NWQ for a fall 2014. The need for additional active learning classrooms is obvious from the current interest to utilize cooperative learning techniques. Providing a pair of active learning classrooms in the campus hub at Bolton Hall will further facilitate the interdisciplinary utilization of this space. Campus funds will supplement the budget to provide adequate funding for furniture and audio-visual equipment.

Project Budget

Construction Cost:	
A/E Design Fees:	
Other Fees:	
DFD Mgmt Fees:	
Contingency:	
Movable Equipment:	
TOTAL:	\$ 536,000

Funding Source

TOTAL: \$ 536,000

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Flooring and Furniture

Tiered

FS

FT

MT

TC

Existing Conditions:

Proposed Conditions:

Tiered = tiered flooring

FS = Fixed Seating

FT = Fixed Tables

MT = Movable Tables

TC = Tablet Arm Chairs

Seating and Space

Existing

Proposed

Square Feet:	2,405	ASF	2,420	ASF
Seating Capacity:	125	Stations	84	Stations
Square Feet per Station:	19	ASF/Station	28	ASF/Station

Technology

Existing

Proposed

Technology Level: Level 0 Level AL

1 = Level 1
2 = Level 2

3 = Level 3
3+ = Level 3+

AL = Active Learning
DL = Distance Learning

Audio-Visual Consultant Requirements

Indicate why and audio-visual consultant is required. Describe the intended scope of services and deliverables.

An audio-visual consultant is required.

Project Schedule

Bid Opening: 01/2015
Construction Start: 05/2015
Substantial Completion: 08/2015

Project Contact

Contact Name: Dennis Stecker
Email: dzs@uwm.edu
Telephone: 414.229.6091

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Project Considerations

- | | Y | N |
|--|-------------------------------------|-------------------------------------|
| 1. Are hazardous materials involved? If yes, what materials are involved and how will they be handled? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building, and/or within the building? If yes, to what extent? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed resolution. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

A spring and summer construction season is preferred to avoid disruption during the peak fall semester. A summer and fall construction season is possible with six months notice.