

# Instructional Space Project Request

## 2013-15 Biennium

<b><u>Agency</u></b>	<b><u>Institution</u></b>	<b><u>Building No.</u></b>	<b><u>Building Name</u></b>
University of Wisconsin	Milwaukee	285-0B-1982	Lapham Hall

**Location ID**                      160 & 162

**Project Title**                      Lapham Hall 160/162

**Project Intent**

The intent of this project is to provide technology and furnishing upgrades to a room that was originally constructed in 1989 and has not seen a major renovation since, bringing the facilities from Level 3 to 3+ and providing a much more conducive environment for learning.

**Project Description**

The following improvements are vital to allow the Lapham Hall lecture facilities to support the instructional needs of the surrounding southwest science quadrant of the campus and the adjacent Kenwood IRC. Consolidate all audio visual controls in a centralized teaching console and upgrade existing technology to a level 3+. Add a second video display in LAP 162. Install projector lifts that do not interfere with site-lines and interactive display devices. New adult width fixed seating with tablet arm writing surfaces on existing tiered floors. New multi-scene lighting controls, audio systems and adjustments to the HVAC system. ADA seating allowances, carpeted aisles and acoustical surface treatment.

**Project Justification**

Lapham Hall lecture rooms 160 and 162 were constructed in 1989 and lack the technology of their modern counterparts. Of particular concern is the lack of a digital input in either room. The quickly approaching analog sunset will leave both rooms behind modern display and audio connection standards. The majority of the system components in both rooms are outdated. The system controls have been modified in a piece-meal fashion over the years and are now complex and confusing compared to current lecture facilities. An update would enhance faculty media presentations to the level expected for current science instruction and allow for a higher level of remote support.

The addition of lighting controls and scenes through a touch panel will simplify use of lighting for instructors. Adding digital inputs will allow instructors to utilize current model laptops and other devices that no longer have an analog output. The system controls in LAP 160 which seats 126 are unreliable and lack an interactive display similar to devices that are installed in most campus lecture halls. . The addition of an interactive display in LAP 160 would enhance the quality of instruction and improve the student's learning experience.

LAP 162 with a capacity of 338 should have a second video display given the size of the room. The current video lift obstructs the view of the projection screen for some seats and needs replacement. Adding a second display in LAP 162 would allow the instructor to utilize 2 display inputs simultaneously for greater flexibility in the content offered and improving the viewing experience for the students. In addition the quality of the audio in LAP 162 is not adequate for configuration of the room.

**Project Budget**

Construction Cost:	
A/E Design Fees:	
Other Fees:	
DFD Mgmt Fees:	
Contingency:	
Movable Equipment:	
<b>TOTAL:</b>	<b>\$     627,000</b>

**Funding Source**

General Fund Supported Borrowing	
Institutional Funds (GPR)	
Institutional Funds (PR)	
Gifts	
Grants	
Other	
<b>TOTAL:</b>	<b>\$     627,000</b>

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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:	1,591/3,232	ASF	1,591/3,232	ASF
Seating Capacity:	126/338	Stations	126/338	Stations
Square Feet per Station:	12/9.5	ASF/Station	12/9.5	ASF/Station

### Technology

### Existing

### Proposed

Technology Level:                      Level    3                      Level    3+

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

### Project Contact

Bid Opening: 01/2015  
Construction Start: 05/2015  
Substantial Completion: 11/2015

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

### Project Considerations

**Y    N**

1. Are hazardous materials involved? If yes, what materials are involved and how will they be handled?
2. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent?
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?
4. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed resolution.

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.