

# 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	Superior	285-0M-0005	Holden Fine Arts
<b><u>Location ID</u></b>	2133 Band/ Vocal Lab, 1124 Band Lab, 1174 Gen Lab, 1125 Weaving Lab, 1184 Weaving Lab		
<b><u>Project Title</u></b>	Holden Fine Arts Rms 1124-5/1174/1184/2133		

### **Project Intent**

This project will acoustically balance the existing vocal and instrumental music lab and rehearsal space as well as provide added acoustic separation between two existing instructional spaces. Acoustic performance will be improved and enhanced by correctly utilizing appropriate, adjustable reflective and absorptive finishes to meet National Association of Schools of Music (NASM) Hearing Health and Safety Standards for decibel levels. The spaces will be configured to better accommodate not only the regularly scheduled classes, but also the various ensembles that gather to rehearse and perform. We also propose that the technology in 2133 be upgraded from a technology level 0 to a much needed level 3 along with updated lighting, risers, acoustic shell and recording equipment. A complete weekly schedule of classes, lessons, sectionals and rehearsals is presented at the end of this document. The ensemble groups that utilize this space are Chamber Wind Ensemble, Symphonic Band, Chamber Choir, Acappella Concert Choir, Brass Ensemble, Woodwind Ensemble, Jazz Band, Guitar Ensemble, Pep Band, and Percussion Ensemble. The ensembles range in size from 5 to 84 members. Other activities supported in the space include music department jury exams, sectionals for all band instrument families (about 6), conducting practicums, techniques classes, and some individual lessons. The space is also utilized by state and local groups during the academic year such as Wisconsin Music Teachers Association (WMTA) District Auditions, Duluth-Superior Symphony Orchestra rehearsals, Piano Technicians Guild meetings, and Lyric Opera of the North rehearsals. Some events occur on weekends, which do not appear on the schedule.

This project will also convert an underutilized classroom #1184 into a lab for the weaving program. Only a minimal amount of renovation is required for the room but the project intentions is to add store front glazing to that room as well as the existing weaving room #1125 across the hall. The glazing will allow the weaving program to be on display as well as allow the instructor to 'observe' both rooms at the same time.

### **Project Description**

An acoustic engineer will be needed in the design of this project to determine the correct materials and technologies to improve the educational experience and safety of students using these spaces as well as determine the needs of each space to conform to NASM standards.

This project will remodel HFA 2133, the existing vocal and instrumental music lab and rehearsal space, to provide new risers, platform, acoustic shell, tunable acoustic panels, technology and sound recording/ playback capabilities. New energy efficient lighting with occupancy sensors and lighting control to be included. A new instructor stations with two projectors, two screens and speakers are also needed. Tunable acoustical panels will need to be included to allow for the change of use of the space from vocal to instrumental purposes. Room technology to be upgraded from a level 0 to a level 3.

This project will also add new acoustic panels to existing walls in HFA 1124 to accommodate the change of use of this space from an underutilized classroom to a much needed music lab and rehearsal space for small ensembles.

In addition, this project will also include added sound deadening material to the dividing wall separating room HFA 1174 and HFA 1215 to prevent sound transfer between rooms.

A final portion of this project will add windows to two adjacent rooms, HFA 1125 which is the current weaving lab and 1184 which is an underutilized general lab.

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### Project Justification

HFA 2133 has had no remodeling or improvements, no acoustical or sound isolation treatments, technology or lighting projects since its construction in 1972. With the addition of tunable acoustical panels, NASM standards can be achieved in both vocal and instrumental usage of the space. With a current technology level of 0, this space has not had any technology introduced in any way since its construction. Elevating the technology to level 3 will enable the faculty to take advantage of more sophisticated teaching techniques including recording / playback capability during classes and rehearsals for critical analysis and discussion, multi-media presentations and musical experimentation, and specialty software packages not currently able to be used in teaching the curriculum. New risers and acoustic shell will drastically improve the safety and quality of the student usage and flexibility of the space. The current overall scheduled use of the spaces is as follows: 32 hrs /wk fall and spring. There is some additional non-scheduled use, subject to room availability

HFA 1124 is currently an underutilized classroom. The size and physical location of this space, with the addition of sound isolation through acoustic treatments, will provide a much needed rehearsal space for small ensembles.

HFA 1174 is a highly used instructional space that suffers from sound bleeding through from the adjacent music education space in 1215. This deficiency hinders the simultaneous use of both spaces. Acoustic isolation materials will allow for a better educational experience in both spaces. The current overall scheduled use of the spaces is as follows: HFA 1174, 22 hrs / wk fall and spring; HFA 1215, 14-16 hrs /wk. Both rooms are subject to additional non-scheduled use for additional sectionals, rehearsals and meetings -- depending on room availability.

HFA 1125 is currently a weaving lab that does not have enough space to safely house the looms needed for classes. Some of the looms have had to be relocated to a print room on third floor to allow for proper emergency egress for the classes. This is not a feasible solution to allow proper instruction. This project will install hollow metal framed, fixed panel windows into the current 1125 lab and the room across the hall, 1184 to provide the additional space needed across the hall rather than two floors above. The windows will allow the instructor to see what's going on in both labs and bring the spaces closer together.

### Project Budget

Construction Cost:	
A/E Design Fees:	
Other Fees:	
DFD Mgmt Fees:	
Contingency:	
Special Equipment:	
<b>TOTAL:</b>	<b>\$ 705,000</b>

### Funding Source

General Fund Supported Borrowing	
Institutional Funds (GPR)	
Institutional Funds (PR)	
Gifts	
Grants	
Other	
<b>TOTAL:</b>	<b>\$ 705,000</b>

### Flooring and Furniture

	<u>Tiered</u>	<u>FS</u>	<u>FT</u>	<u>MT</u>	<u>TC</u>
Existing Conditions:				X	X
Proposed Conditions:				X	X

Tiered = tiered flooring      FS = Fixed Seating      FT = Fixed Tables      MT = Movable Tables      TC = Tablet Arm Chairs

### Seating and Space

		<u>Existing</u>		<u>Proposed</u>	
Square Feet:	4,393	ASF		4,393	ASF
Seating Capacity:	160	Stations		160	Stations
Square Feet per Station:	27	ASF/Station		27	ASF/Station

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### Technology

### Existing

### Proposed

Technology Level:

Level 0

Level 3

1 = Level 1  
2 = Level 2

3 = Level 3  
3+ = Level 3+

AL = Active Learning  
DL = Distance Learning

### Audio-Visual Consultant Requirements

An Acoustical Engineer should be engaged to provide correct design for acoustical treatment (materials and location) to provide proper reverberation times, correct use of reflective and absorptive surfaces within these rooms. It is expected that acoustical performance calculations will be provided for each occupied space.

### Project Schedule

### Project Contact

Bid Opening: 03/2015  
Construction Start: 06/2015  
Substantial Completion: 12/2015

Contact Name: Dustin Johnson  
Email: Djohns75@uwsuper.edu  
Telephone: 715-394-8123

### Project Considerations

**Y    N**

1. Are hazardous materials involved? If yes, what materials are involved and how will they be handled?   
According to WALMS report, there are no hazardous materials in any of the spaces to be remodeled.
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.   
Being these rooms are currently utilized as instructional and rehearsal spaces we will be taking them off line during the remodel and request that the project not extend beyond one semester.

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