

Instructional Space Project Request

2013-15 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Green Bay	285-0D-2030	Studio Arts

Location ID Rms. B101 Vocal, B103 Band, 131 Inst. Stor.,
100M Corridor, 237 Sound Rec. Booth

Project Title Studio Arts Band/Vocal Laboratories

Project Intent

This project will acoustically balance the existing Vocal and Instrumental Music classrooms and rehearsal spaces. Acoustic performance will be improved and enhanced by correctly utilizing appropriate reflective and absorptive finishes to meet NASM Hearing Health and Safety Standards for decibel levels. New barrier walls between the Band and Vocal rooms will be constructed to provide better acoustic isolation and minimize sound transfer between spaces. The percussion and large instrument storage areas will be enlarged so that instruments will not need to be stored in rehearsal spaces. The upper level Sound Recording Booth overlooking both spaces will be improved acoustically and technologically. 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. A complete weekly schedule of classes, lessons and rehearsals is presented at the end of this document. These groups include Pep Band, Wind Ensemble, Symphonic Band, Vocal Jazz Ensemble, Chamber Singers, Concert Choir, Opera / Musical Theatre Workshop, Brass Ensemble, Woodwind Ensemble, Hand Drumming Ensemble, and Percussion Ensemble. The ensembles range in size from 8 to 80 members. Other activities supported in the space include music department weekly convocations, juries, sectionals and individual lessons. Spaces are also utilized by UWGB Summer Music Camps, and by state and local groups weekly during the academic year such as Green Bay City Band, City Symphony of Green Bay and Green Bay Boys and Girls Choirs, WSMA Honors Ensembles, WSMA State Solo / Ensemble Festival and the Northeast Wisconsin Piano Teachers Forum. Some events occur on weekends, which do not appear on the schedule.

Project Description

This project will remodel the existing Instrumental Music (Band) Lab and Vocal Music (Choral) Lab, provide more and appropriate instrument storage, upgrade classroom technology and sound recording capabilities in an existing recording and mastering room. New lighting with dual switching and lighting zones will be included in each room. New instructor stations with projectors, screens and speakers are also planned. Old carpeting on the walls will be removed and new acoustic treatments such as Auralex, Quadratex or Wave Prism diffusers will be applied to existing walls and ceilings in appropriate areas to acoustically tune each room for its intended use. Tunable moveable wooden acoustical panels will be included to enhance sound recordings, as recommended by an acoustics engineer. New sound isolation walls are to be constructed between the Band and Vocal spaces to minimize sound transfer. The existing moveable wall partition in the Band room will be removed, as it is never used, is a physical obstruction, and is acoustically poor. Acoustical glazing panels are included between recording room and the Band / Vocal spaces. The existing AHU serving these spaces will be replaced to decrease unwanted noise, improve air quality and provide better room comfort and control. Humidity control will improve conditions for grand pianos, a pipe organ and very expensive percussion instruments stored and used within these spaces.

Project Justification

These spaces were not included in a renovation of classroom and practice spaces in Studio Arts Hall in 2003. No acoustical or sound isolation treatments have been done to these spaces since their construction in 1973, with the exception of new doors in 2003. Sound produced in one lab bleeds through into the other lab, thereby limiting simultaneous use of the spaces, except for "Conducting" classes or small woodwind ensembles. Because of this, Student Practice hours are severely limited and practice time is at a premium. By constructing a new sound isolation wall, concurrent classes can be scheduled in Band and Vocal labs, (see attached schedule), thereby providing more available in-lab practice hours for students. By providing professional recording equipment, the Sound Recording Booth will be a viable record mastering studio. With the addition of tunable moveable wooden acoustical panels within the Band / Vocal Labs, recordings meeting industry / professional standards can be produced. NASM requires the program to archive all performances, and producing professional quality recordings is necessary for submissions to grant programs, graduate schools, competitions, and professional and academic organizations. Elevating the Technology to Level 3 in the rehearsal / lab spaces 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. The current overall scheduled use of the spaces is as follows: B101 (Vocal) 28 hrs / wk Fall, 35 hrs / wk Spring, B103 (Band) 44.5 hrs / wk.

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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?
 Minor asbestos abatement included in budget.

2. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent?
 X

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?
 X

4. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed resolution.

All project work will be coordinated through the campus physical plant staff to minimize disruptions to daily operations and activities. The majority of the work will occur during the summer when there are fewer students on campus. Music Camp activities will be scheduled in other spaces during construction.

Below R & L: Band Room B103. Bottom L: Storage in Corridor. Bottom M & R: Vocal Room B101.

