Committee Report on Key Considerations for CM Space Allocation in AEB

Consideration: Space allocation of the AEB considering a change in administrative oversight of Construction ~~M~~anagement (CM) to Wilson College of Business (WLSN).

Charge: Propose a preliminary space allocation plan that would indicate Construction Management. specific space, office assignments, and shared spaces (i.e. classrooms, labs, meeting rooms, student space). Submit a preliminary proposal to AP leadership on or before Tuesday, October 15th.

Proposal parameters

- Both departments will be housed in AEB and share labs and classroom space.
- Phase II AEB construction should be taken into consideration.
- The intent of this proposal is to serve as a conversation starter concerning space allocation decisions that will be finalized as the reorganization takes shape.
- The Applied Engineering Focused Working Group will be asked to engage in a similar exercise.

Working Group Members: Joseph Ugrin, Department of Accounting (Co-Chair); Lisa A. Riedle, Department of Applied Engineering & Technical Management (Co-Chair); Andy Anderson, Department of Management; Randy Sharp, Department of Applied Engineering & Technical Management.

Aim and Scope:

1. Faculty and Staff Offices
Requirements. The following would be required to support the CM department:

- Department Head Office (I office) (AEB 1024)
- Faculty Offices (Currently 2 offices) (AEB 1022 & 1021)
- Adjunct Offices (Currently 2 offices shared by 4 adjuncts) (AEB 1038 & 1048)
- Secretary / Administrative Assistant (Currently 1 office) (AEB 1023)
- Academic Advisor/Recruiter (Currently 1 office) (Currently in AEB 1019 but potentially move to the “Teams Room” if renovated)
- Expansion for future faculty/staff (2 offices) (AEB 10xx & 10xx)
- Reception area, conference room, workroom

2. Lab and Instruction Spaces
The AEB building spaces utilized by Construction Management are:

- CM would ~~also~~ need to be able to schedule classes in rooms 1011, 1041, and 1050 as needed.
- Room 1003 Automation/PLC - (large student project space; ENGR 4500)
- Room 1001 Graphics Lab (houses the CM printer)
- Room 1004 Open Computer Lab Digital Innovations
- Room 1005 3D Printing & Laser Lab (the new CM CAD class - TECH 2016)
- Room 1007 Wood Lab (Panther Products, ENGR 1000, TECH CM 1000, ENGR 4500 Sr. Design)

- Room 1008 Strengths and Materials Lab

- The new CM department would also need the tools, equipment, and software in these spaces.
- In addition to the rooms in the AEB, CM utilizes the auditorium in the CEEE building, room 11. (The AEB was specifically designed WITHOUT a large lecture hall based on being able to use the hall in the CEEE building).
- Phase II spaces - not yet utilized include:
    - Room 1095 Large Computer Lab
    - Room 1096 Shared Project Assembly
    - Room 1098 Construction Site Simulation & TEE
    - Room 1096A Storage
    - Room 1096B Contrate/Soils lab

3. Proposed Shared Spaces
The information desk could be shared rather than two separate spaces given the size of the building. Furthermore, the departmental offices are now at the main entryway and are easily found when entering the building.

A second department head office space could be located in AEB 1018, which is near the front of the building and has a similar anchor point as 1024. The layout of both spaces is ideal for a department head as they have room for a conversation table as well as a conferencing screen for shared discussions. AEB 1018 also has a large borrowed light window toward the interior of the building.

Allocating offices in this manner and sharing the circulation desk would alleviate the need to modify the building design as presented in Dr. Heistad's email on 9.9.2024. The original building design efficiently uses space and maximizes educational and collaborative areas. A distinct split would deviate from the spirit of the original architectural design which emphasized collaboration and integration.

There are a large number of common spaces (student lounge, breakout and collaboration rooms, study spaces, and the John Deere Innovation Corridor) that would need to remain as shared spaces for students.

Conclusion and Recommendations

It is difficult to divide spaces that are shared by both CM and Applied Engineering; as well as spaces that are not yet complete and have not yet been vetted or utilized. Our overall conclusions and recommendations are:

Consolidate the Information Desk: Rather than maintaining two separate spaces, it is recommended to combine the information desk into a shared area to better utilize the building's space.

Departmental Office Placement: Place a second department head office in AEB 1018, which is strategically located near the front of the building, similar to room 1024. Both spaces offer ideal setups for department heads, with room for conversation tables and conferencing screens, and AEB 1018 benefits from a large interior window.

As an alternative solution, A new Applied Engineering department head could be placed in rooms 1037/1038 and an Applied Engineering secretary in Room 1039.

Preserve the Building's Original Design: Maintain the current building design, not the redesign as outlined in Dr. Heistad's email from September 9, 2024, as the original design efficiently uses space and promotes collaboration. Modifications should be avoided, as they would detract from the building's original vision of integration and collaboration. Moving faculty from current office spaces seems unnecessary. Alternative approaches to office allocation, such as mixing faculty throughout the building, are worth considering.

Ensure Shared Spaces Remain Communal: Continue to designate common spaces, such as the student lounge, breakout and collaboration rooms, digital innovation & integration labs, study areas, and the John Deere Innovation Corridor, as shared areas for students.

The task force agrees that sticking to these principles will be efficient, inspire collaboration and teamwork, and benefit students and faculty alike. Given that many of the spaces in the building will be shared by CM and AETM, the committee recommends the two units work together to strategize how to effectively use shared space.

Thank you for the opportunity to participate in this important working group.

Joe Ugrin, Lisa A. Riedle, Andy Anderson, Randy Sharp