

Meeting Minutes



Architecture Engineering Planning Interiors

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Meeting Date November 1, 2016
To Brad Muehling
From John Badami
Location UNL – 114 Othmer Hall
Project UNL- College of Engineering Programming
Project No. 10-15209-21
Attendees **DLR Group:** John Badami, Ken West, Mark Brim
RFD: Terry Brown
UNL FPC: Brad Muehling
UNL COE: Dan Linzell, Shannon Bartelt- Hunt, John Sangster
Purpose Department Workshop #1 Civil Engineering

Action Items

Minutes

Confirmed Spaces Currently Occupied

Reviewed teaching vs. research labs

A large contingent of faculty are currently in Whittier.
Office for 10 faculty
Would like to be in one space and not spread out.
Traffic is primarily at Whittier
Midwest roadside safety facility, they have 30 employees and at their testing facility at the airport for research.
There are grad student test space with 5 grad students.
They do want larger driver simulation equipment.
They have 7 faculty and some commuting faculty
Omaha faculty comes down for a full day. Whittier for a few hours.
Office needs change frequently.
Student groups have space here also. Verify Nebraska Hall spaces.
Need more outdoor storage space for materials to be disposed of.
Shared fluid mechanics lab in the basement.
All transportation in Whittier – graduate level class.
Midwest roadside safety lab in Whittier.
Whittier needs to be researched focused.
Nebraska Transportation Center
Faculty member on East Campus doing mostly GIS.
34 total faculty on both campuses.
They are spread out due to lack of space at one location.

Brad to check on CE spaces in Whittier to confirm.

What is your wish list?

125 grad students total, 30 housed here and the rest in Whittier or scattered all over. They have a directory on the web page.
22 faculty in Lincoln, spread out. It generates 100 grad students.
In the future ratio now is 17 to 1. Future 600 undergrads.

Telecommuting will be done more.

Teaching focused faculty on both faculty so increase by 8, total of 30. 28 in Lincoln.

Shuttle runs every two hours from Lincoln to Omaha.

Lab Space

Both teaching and research space.

Environmental teaching labs.

Would like 16 students per section but 24 is more typical.

(2) 6 foot fume hoods has been adequate for teaching labs.

They would like to see grad courses added if they had adequate lab space. They do not want combined teaching and research lab.

Geotech labs, the existing space is terrible. It needs to be more efficient.

They are doing both chemical and micro biology in the same space.

RFD collocates with similar infrastructure.

Wet lab means you work with tissue but engineering labs still work with chemicals so exhaust is just as important.

They do not affix casework any longer.

Large video wall for traffic, is that needed?

They desperately need garage space. Engineers Without Borders (EWB) is very popular and need space like that.

A virtual maker space is one thing they are looking for.

Most successful spaces are with the college and with outside industry participation. (project space is what they need)

NU Tech could be interwoven in this discussion as well.

Soils testing is done.

We need water resource research testing and environmental resources teaching space is needed.

Structures is a large footprint, but it needs to be flexible for large items to be moved around and its great to share with mechanical.

Environmental control room would be great to have. Under the high bay lab would be a great spot for that.

Looking Forward

Outside lab

Computer based or outside based teaching. Project teaming rooms. 4 to 6 people. Break-out room. Undergrads more involved in projects to transfer seamlessly to research.

The more glass the better to see the work going on.

Structural testing – Good large testing area, a small testing lab is available.

Materials research labs – it depends on scale, UNL works on a nano scale and will be multidiscipline lab.

Civil needs bigger classrooms and more spaces for collaborative spaces. TEAL – Technology Enhanced Active Learning. U of M real classrooms.

Distance learning

There needs to be a top standard for all students.

College standardization of laptops.

More student groups meeting between the classrooms, Lincoln and Omaha. Team meetings and group meetings as well as lecture.

Teaming rooms with-in the offices. 3rd floor at PKI is nice.

Need more spaces that undergraduates can access afterhours.

Would like outdoor spaces for students to hang out. The library commons space has been liked better.

Everything closer together would be great.

Students like the booth area/sitting area.

Collaboration spaces are well used.

Wayfinding can be done much better.

The recruiting trail...what does that look like?

Where do CE students go to hang out? Something they have ownership of.

Event space where things can happen.

Excellent research facilities and collaborative spaces and space for them.

Research space – not enough. Space needs to be robust enough to handle change.

The structures lab is underutilized. They are good sharing research space in the department.

Departments need tight boundaries for research.

Classroom Space

Smallest is 15 and grad is 5.

Average size is 35-40 and 50-60

They would like larger size research labs.

UNL is putting schedulers and card readers on all classrooms.

Look at the book quiet.

End of Meeting