

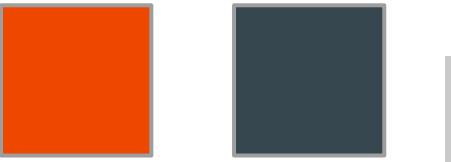


A 4x2 grid of colored squares in the top-left corner, transitioning to a single column of three squares in the bottom-left corner.

Redesign. 209.

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PROBLEM STATEMENT

FUNCTION: To create an environment that is suitable and ADA accessible for the educational purpose of research and collaboration between students and engagement in lectures and classroom activities. To generate a space that allows for both introverted and extroverted students to efficiently learn in a comfortable and technological interactive setting.

FORM: The space will be located in the Human Ecology Building on Michigan State University's campus in room 209. To tastefully emulate the surrounding natural environment of the university, while upholding a modern academic ambiance. Including furniture and fixtures that promotes a healthy and impelling environment for students, and private/group learning areas.

ECONOMY: For the purpose of the project, there will be an unlimited budget.

TIME: The space will be available to students who have access to the room during both class and non-class hours throughout the year.



RESEARCH

1. CEILINGS

In classrooms with higher ceilings, research has shown that by dropping the ceiling it will not only lower noise levels and help acoustics, it will also help to make the space more flexible when dealing with group work and interactive learning.



2. LIGHTING

Why is it important? Not only does this help students to focus, but it also helps students behavior and ability to learn. Whereas bad lighting will lead to discomfort and hyperactivity. The solution? [ICLS: The Integrated Classroom Lighting System](#), which meets LEED certified standards, reduces energy use, and is easy to install and maintain.

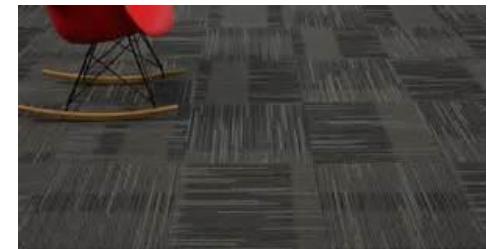


Higher Education trends in design:

1. New concepts in classroom design
2. Increasing use of flexible space concepts
3. More common areas for collaboration

3. CARPET

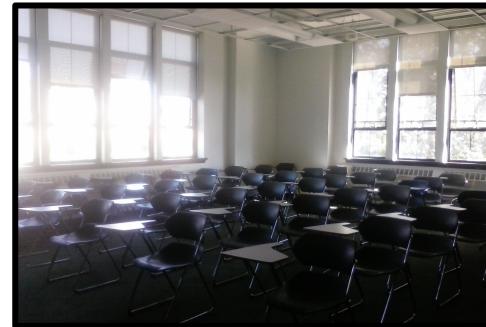
When dealing with carpet there can be many different concerns involving environmental issues. Including chemical emissions, indoor air quality, and VOCs. Yet what can we do? By using a more durable carpet tile it will save materials, have a longer life cycle, and would have recycling/reuse options.



EXISTING CONDITIONS AND EVALUATION

1.) INSPIRE...

With its bland interior, and boring materials, we hope to use modern furniture and lighting as a way to not only inspire students creatively, but also academically.



3.) IDEATION...

As the space itself is set up strictly for lectures, it seems to almost demote or suppress ideation. So by incorporating a group work area we hope to promote communication amongst the students, so that they can learn from each other.

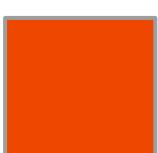
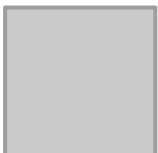


2.) IMAGINE...

As years and years pass, and students have come and gone, one thing hasn't changed, that this room should reflect. Imagine; a student focal wall where new students and older students could inspire each other through their designs.

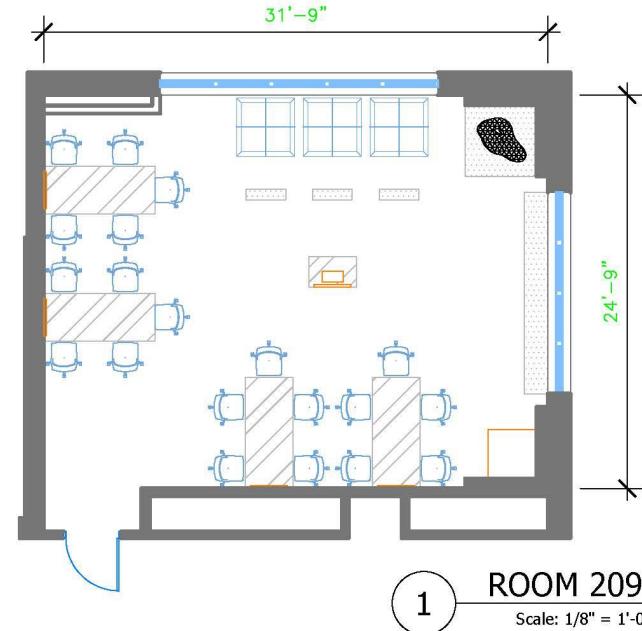
4.) INTERACTIVE...

Within the space, a projector is used as the only source of technology, and it is because of this reason students will tend to lose focus due to the fact that are not being engaged. By having updated computers students can then interact with the teachers and get a better understanding of the material.



FURNITURE AND FLOOR PLAN

Eames. La Chaise.
OFS. Eleven.
Knoll. Multigeneration.



PERSPECTIVE VIEWS

TOP VIEW:



NORTHEAST VIEW:



SOUTHWEST VIEW:



NORTHWEST VIEW:





REFERENCES

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