Course Syllabus

ARCH4635 ARCHITECTURAL DAYLIGHTING

Time: Thursday, 1100h-1300h

Room: Avery 505

Instructor: Davidson Norris, Principal - Davidson Norris, Architect & CNC

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Description:

This course will focus on the daylight as a prime generator and articulator of architectural space. To do so students will:

- Review and discuss precedent buildings that exemplify the potential of daylight as a design agent
- Explore the role of climate and context driven daylight access in the understanding and application of that potential.
- Learn how to use Diva for Rhino to create physics based light renderings as applied to a small sanctuary structure.
- Study daylight phenomena in Nature broadly applicable to the design and experience of architectural space.
- Apply Diva for Rhino to the quantification of daylight within a classroom.
- Coordinate daylight and electric light in the classroom using Diva for Rhino.
- Investigate a day lighted space of their choosing or design using a scale architectural model.

Other stuff:

There is no textbook. I will hand out class outlines at each class. Instruction will be take the form of lectures. Homework assignments account for 60% of the final grade. There are no tests or exams. But the daylighting architectural model at the end of the semester will account for 40% of the grade. All assignments are weekly and are submitted to Coursework in 11x17xpdf format. I will review and grade them then post grade and notes to Courseworks by the next class. I will be available after class and by electronic means to answer questions and provide personal assistance as required.

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