

ARCH 535 **DAYLIGHTING SEMINAR**  
Spring Quarter 2017  
Tu-Thu 1:00-2:20 Gould Hall Rm. 100  
Instructor: Christopher Meek  
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## COURSE SYLLABUS



“...daylight, that minimum requirement of humane architecture...”

– Michael Benedikt; *Environmental Stoicism and Place Machismo*, 2002

### **OBJECTIVE:**

Through lectures, discussions, design work, and site visits to significant built projects, class participants will gain an in-depth understanding of daylighting design and the importance of daylight as a design element. Weekly field trips will investigate design concepts and performance of buildings in the Seattle/Puget Sound region.

Discussion topics include: cultural and physiological aspects of daylight, climate, design strategies, simulation techniques, and technical considerations for daylight performance. Advanced design strategies will be explored through the development and testing of concepts using digital and physical simulation methods. Note: A laptop with Rhino and DIVA is required for classes beginning week 4 – DIVA for Rhino is provided free to UW students. More about DIVA here: <http://diva4rhino.com/>

### **FORMAT:**

Tuesdays: *Lecture and Discussion [GOULD HALL 100]*

Thursdays: *Site Visits (NOTE: Schedule subject to change) and Simulation Workshops*

### **READING:**

Handouts Provided by Instructor *[via Catalyst]*

Suggested Text: Daylight Design of Buildings; Nick Baker and Koen Steemers; 2002 *[on Reserve]*  
Daylighting Design in the Pacific Northwest; Meek and Van Den Wymelenberg; 2012 *[on Reserve]*

### **GRADING:**

Class Participation 20%, Assignments 40%, Design Project/Paper 40%

**OFFICE HOURS:** By Appointment