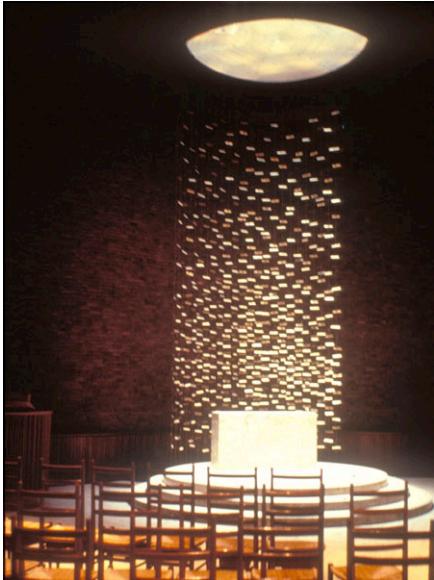

ARCH 495/595: DAYLIGHTING



TOPLIGHTING FOCUSED



TOPLIGHTING DISTRIBUTED



SIDELIGHTING FOCUSED



SIDELIGHTING DISTRIBUTED

INSTRUCTOR:	Virginia Cartwright
TIME:	12:00 pm - 1:50 pm Tu Th
PLACE:	206 Lawrence
FORMAT:	Seminar
CREDIT:	3 credit hours + 1**
CRN:	30463/30532
PREREQUISITES:	ARCH 492/592
COURSE	
OBJECTIVES:	<p>The objective of this course is for each student to acquire an understanding of the role that daylight can play in architecture, and an ability to manipulate light in the design of architectural space. Specifically each student, as part of a design team, will develop strategies for toplighting and sidelighting that both concentrate the light in the space and distribute light in the space. Critical to this is developing an understanding of light and color as a integral and powerful parts of architecture to be considered from the initial conceptual stages of the design process to the selection of color and texture.</p>
COURSE VEHICLES:	<p>This course is a seminar, which depends on student participation. The focus of the course is the use of daylight as a design element. Both qualitative and quantitative aspects of daylight will be explored. To this end, a number of readings, projects and illustrated presentations will be employed. Most of the projects will be physical models. Presentation of these will be through the model itself and through digital images of the models. Access to a digital SLR camera will be essential for the class. The final project for this class will be the presentation and submission of the sequence of design projects that were developed during the term.</p>
TEXTS:	<p>Students will work in teams of two on all the projects.</p> <p>There will be no official text, but there will be readings from journals and reserve books</p>
INSTRUCTOR COMMENT:	<p>Craft and clarity of intention will be considered in assessing student work during the term. Active exploration is critical to learning the material to be presented in this course, as is to be expected for any aspect of design. For this reason, participation will be required and will be considered in establishing grades for the course.</p> <p>This course will share some lectures and workshops with Color Theory and Application. Thus will meet some weeks on Thursday only from 12:00 - 1:50, and on one Saturday 14 April.</p>
ADVANCED TECH CREDIT	<p>There is an optional 1-credit Adv. Tech. Elective credit for this course. ARCH 406/606 Sp Pr Daylighting</p>