ARCH 495/595: DAYLIGHTING

INSTRUCTOR: Cartwright

TIME: 12:00 pm – 1:50 pm Tu Th

PLACE: 206

FORMAT: Seminar: discussions based on readings, projects, and lectures

CREDIT: 3 credit hours

CRN: 30474/30540

PREREQUISITES: ARCH 491 and 492

COURSE OBJECTIVES: The objective of this course is for each student to acquire an understanding of the role of daylighting in architecture, and an ability to manipulate light in the design of architectural space. Critical to this is developing an understanding of light as an integral and powerful part of architecture, and so a consideration from the initial conceptual stages and throughout the design process.

COURSE VEHICLES: This course will be taught as 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 presentations will be employed. The final project for the class will be a compilation of the focused design projects, which incorporated the methods and strategies presented during the term. Students will work in teams of two on all the projects.

TEXTS: Various readings will be assigned from journals and reserve books

INSTRUCTOR COMMENT: 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.

ADVANCED TECH OPTION: 406/606 CRN: 30398/30557 +1 Credit