

**PAIER COLLEGE OF ART, INC.**  
**Hamden, CT**

**STUDENT COURSE OUTLINE**

**COURSE TITLE:** Construction II

**COURSE NO:** ID344

**SEMESTER HRS:** 2

**CLOCK HRS PER WK:** 3  
1 hour lecture, 2 hour studio

**SEMESTER:** Fall 2015

**INSTRUCTOR:** Pierre Strauch

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**COURSE DESCRIPTION:** Studio and lecture. Examination of steel and concrete construction and terminology, construction sequence. Fire-proofing, fire-rating, building classification, elevators, mechanical rooms, shafts and plenum, typical floor, wall and ceiling finishes, fixtures and hardware. Field trips. Prerequisite: one semester of second year interior design studio.

**COURSE OBJECTIVES:** The student will examine the materials and methods of steel and masonry construction and mechanical and electrical building systems.

**TOPICAL OUTLINE:**

1. Structural systems
2. Plumbing and heating systems
3. Electrical systems
4. Building codes
5. Field trips

**TEXTBOOK:** Ching, Francis D. K.. *Building Construction Illustrated*, 5 ed. New York, NY: Wiley, 2014. Print.

**COURSE MATERIALS:** hand and computer drafting supplies and materials

**ACADEMIC EXPECTATIONS:**

**Grading:** 50% Four 1 hour problems at the completion of each section 25% 2 hour final problem  
25% 2 hour final problem  
25% Class participation/contribution

**Make-up:** None

**Attendance:** Attendance is taken in all classes. Two excused absences are allowed in a two-semester hour class, three in a three-semester hour class, etc. Medical and all other absences must be documented or they will be treated as unexcused absences.

Students are required to appear promptly for their classes. Arrival of five minutes after starting time will result in being marked late. Three accumulated latenesses per semester will count as one absence.

For more information on attendance, consult the student handbook.

**BIBLIOGRAPHY:** Architectural Graphic Standard - 8th edition  
Construction Details for Commercial Building - Wiggins