

Your attendance is expected at each class and site visit.

3. Weekly readings (provided on canvas)
4. Final Project

Students will choose one building and will research its building systems and materials and will offer their findings in a final report and a class presentation.

5. Midterm and Final exam

Grading Criteria:

Final exam (50%), Midterm (20%) Final Project (15%), Attendance, site visits + short assignments (15%)

Short assignments:

1. Stone Identification
2. Masonry
3. Metals
4. Terra Cotta
5. Concrete & Roof trusses
6. Roof coverings
7. Wood

Topics covered:

Vernacular architecture: adobe and rammed earth

Timber-frame building (Colonial and post-Revolutionary): braced frame, balloon frame

Loadbearing masonry structures: brick, stone, structural tile

Introduction to architectural finishes

Cast-iron construction

Early skyscraper development:

cage-frame structures: masonry and iron

steel frame buildings

concrete frame buildings

Roof coverings and roof trusses