



ARCH2431 Building Tech III

NOTES 03- Steel Assembly

DESCRIPTION In preparation for the steel assembly assignment read and review the 5 PowerPoint lecture/tutorials available for this assignment. These are posted on the master course website on OpenLab. These will help you with 3D modeling.

<https://openlab.citytech.cuny.edu/arch2431oer/lectures-tutorials/tutorials/steel-connections/>

- Introduction to Columns and Beams
- Column Base Plates
- Bolts and Fasteners
- Footing Base Plates & Connections
- Fins and Splice plates
- Diagonal Bracing

NAAB SC OBJECTIVES

PROCESS Review the provided materials – take notes and make sketches.

DELIVERABLES Handwritten Notes and Sketches posted in Blackboard

- Your freehand sketches and notes should demonstrate an understanding of the various components represented in the materials provided.
- Be certain your notes show materials from each of the 5 lectures / tutorials.
- Post your Reading Notes in Blackboard.

GRADING Each assignment will be grade from 0 to 3 as follows:

- 0 = Not submitted
- 1 = minimal requirements met
- 2 = good notes
- 3 = very good notes

Notes 01-Design and Construction Process					
	Allocation	Exceeded requirements	Met most requirements	Met some requirements	Barely met requirements
Technical Documentation (S.4)					
Comprehensiveness	40%	Notes comprehensively covered the entire scope of the reading assignment	Notes sufficiently covered the entire scope of the reading assignment	Notes covered the entire reading assignment but some content was lacking	Notes barely covered the scope of the reading assignment
Understanding	40%	Notes demonstrated a strong understanding of the content	Notes demonstrated a basic understanding of the content	Notes demonstrated a limited understanding of the content	Notes demonstrated a minimal understanding of the content
On Time					
On Time	20%	Submitted on due date prior to the beginning of the class	Submitted on due date sometime during the class	Submitted in the class subsequent to the due date	Submitted a maximum of a week after the due date