

	Date	Subject	Topics	Required Preparation	Assignment (due at start of class)
1	March 27, 2024	Course introduction and industry overview	-Course introduction -Industry overview -Regulatory constraints -Properties of materials	Chapters 1-3	Chapter 1 review questions
2	April 1, 2024	Existing conditions	-Building site -Soils -Foundations	Chapters 4-6	Chapters 4 and 6 odd numbered review questions
3	April 3, 2024	Concrete	-Concrete -Cast-in-place concrete -Pre-cast concrete	Chapters 7-9	Every third review question from Chapters 7-9 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
4	April 8, 2024	Masonry	-Mortar -Clay -Concrete -Stone -Masonry Constructions	Chapters 10-14	Every third review question from Chapters 10-14 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
5	April 10, 2024	Metals	-Ferrous metals -Non ferrous metals -Steel frame construction	Chapters 15-17	Every third review question from Chapters 15-17 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
6	April 15, 2024	Wood, plastics and composites	-Wood, plastics and composites -Products manufactured from wood -Wood and metal light-framed construction -Heavy timber construction	Chapters 18-21	Every third review question from Chapters 18-21 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
7	April 17, 2024	Wood, plastics and composites	-Finishing wood frame buildings -Plastics	Chapters 22-23	Every third review question from Chapters 22-23 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
8	April 22, 2024	Thermal and moisture protection	-Thermal insulation and vapor barrier -Bonding agents, sealers, and sealants -Bituminous materials -Roofing	Chapters 24-27	Every third review question from Chapters 24-27 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
9	April 24, 2024	Openings	-Glass -Doors, windows, entrances, and storefronts -Cladding systems	Chapters 28-30	Every third review question from Chapters 28-30 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
10	April 29, 2024	Mid-term			
11	May 1, 2024	Finishes	-Interior finishes, paints, and coatings -Acoustical materials	Chapters 31-32	Every third review question from Chapters 31-32 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
12	May 6, 2024	Finishes	-Interior walls, partitions, and ceilings -Flooring	Chapters 33-34	Every third review question from Chapters 33-34 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
13	May 8, 2024	Specialties	-Specialties, equipment, and furnishings -Special construction	Chapters 35-36	Every third review question from Chapters 35-36 (those numbered 1, 4, 7, 10, 13, 16, 19, 22, etc.)
14	May 13, 2024	Conveying systems	-Conveying systems	Chapter 37	Chapter 37 odd numbered questions
15	May 15, 2024	Fire-suppression	-Fire-suppression systems	Chapter 38	Chapter 38 review questions
16	May 20, 2024	Plumbing	-Plumbing	Chapter 39	Chapter 39 review questions

17	May 22, 20024	Heating, Ventilating, and Air-Conditioning	-Heating, air-conditioning, ventilation, and refrigeration	Chapter 40	Chapter 40 odd numbered review questions
18	May 29, 2024	Electrical	-Electrical equipment and systems -Electronic signal and security systems	Chapters 41-42	Chapter 41-42 review questions
19	June 3, 2024	AMA/review			
20	June 5, 2024	Final			
	Chapter 1	Construction industry overview		1	
	Chapter 2	Regulatory constraints, standards and green building		1	
	Chapter 3	Properties of materials		1	
	Chapter 4	Building site		2	
	Chapter 5	Soils		2	
	Chapter 6	Foundations		2	
	Chapter 7	Concrete		3	
	Chapter 8	Cast-in-place concrete		3	
	Chapter 9	Precast concrete		3	
	Chapter 10	Mortars for masonry walls		4	
	Chapter 11	Clay Masonry		4	
	Chapter 12	Concrete Masonry		4	
	Chapter 13	Stone		4	
	Chapter 14	Masonry construction		4	
	Chapter 15	Ferrous metals		5	
	Chapter 16	Nonferrous metals		5	
	Chapter 17	Steel frame construction		5	
	Chapter 18	Wood, plastics and composites		6	
	Chapter 19	Products manufactured from wood		6	
	Chapter 20	Wood and metal light frame construction		6	
	Chapter 21	Heavy timber construction		6	
	Chapter 22	Finishes the exterior and interior of light wood frame buildings		7	
	Chapter 23	Plastics		7	
	Chapter 24	Thermal insulation and barriers		8	
	Chapter 25	Bonding agents, sealers, and sealants		8	
	Chapter 26	Bituminous materials		8	
	Chapter 27	Roofing systems		8	
	Chapter 28	Glass		9	
	Chapter 29	Doors, windows, entrances, and storefronts		9	
	Chapter 30	Cladding systems		9	

	Chapter 31	Interior finishes, paints, and coatings	10		
	Chapter 32	Acoustical materials	10		
	Chapter 33	Interior walls, partitions, and ceilings	11		
	Chapter 34	Flooring	11		
	Chapter 35	Specialties, equipment, and furnishings	12		
	Chapter 36	Special construction	12		
	Chapter 37	Conveying systems	13		
	Chapter 38	Fire suppression	14		
	Chapter 39	Plumbing systems	15		
	Chapter 40	Heating, air-conditioning, ventilation, and refrigeration	16		
	Chapter 41	Electrical equipment and systems	17		
	Chapter 42	Electronic signal and security systems	17		