

UNIVERSITY of NOTRE DAME
School of Architecture

BUILDING TECHNOLOGY I / ARCH 20411 & ARCH 60411
Semester Calendar
Fall 2012

WEEK 1

TU	August 21	Introduction to Course	
TH	August 23	Lecture: Fundamental Principles of Architecture	Assignment: Reading # 1: Alberti: Book 1 Vitruvius: Book 1, Ch. 2

WEEK 2

TU	August 28	Lecture: Composition and Order	Assignment: Reading # 2: Alberti: Book 3
TH	August 30	Lecture: Fundamentals of Construction & Tectonics (Part I) Quiz # 1; discussion	Assignment: Reading #3b: Ching Ch. 1, 1.07-1.28
S	September 1	(ND v. Navy in Dublin)	

WEEK 3

TU	September 4	Lecture: Pre-Design, Site Analysis, Environmental Analysis(Part I)	
TH	September 6	Lecture: Pre-Design, Site Analysis, Environmental Analysis (Part II) Quiz #2; discussion	Assignment: Reading # 4: Allen Ch.1, 1-14, Ching Ch. 6, 6.02-6.03 Environmental/ Site Analysis Due: Tuesday, 9/18 @ 12:30
S	September 8	(ND v. Purdue @ home)	

WEEK 4

TU	September 11	Lecture: Fundamentals of Construction & Tectonics (Part II)	
TH	September 13	Quiz #3; Discussion Studio: Environmental/ Site Analysis	Assignment: Reading #5: Ching Ch. 5, 5.02-5.03, 5.20-5.23, Allen Ch. 10
S	September 15	(ND @ Michigan State)	

WEEK 5

TU	September 18	DUE: Environmental/ Site Analysis Lecture: Typical Wall Systems & Openings Introduction: Project 1	Assignment: Project 1: Due: Tuesday, 9/25; 12:30 pm
TH	September 20	Quiz #4; Discussion Studio: Project 1	Assignment: Reading #6: Allen Ch. 9 Ching Ch. 5, 5.15-5.19, 5.23-5.27, 5.33-5.34
S	September 22	(ND v. Michigan @ home)	

WEEK 6

TU	September 25	DUE: Project 1 Lecture: Masonry I	
TH	September 27	TOUR: Stayer Executive Business School (under construction)	Assignment: Reading #7: Allen Ch. 8

WEEK 7

TU	October 2	Lecture: Masonry II & Masonry Day Intro. Guest Lecture: Dave Collins - International Masonry Institute	Assignment: Masonry Day Design Project Due: Tuesday, 10/9 @ 8:00 am (Team Sign-Ups)
TH	October 4	Quiz #5; discussion Studio: Masonry Day Project	
S	October 6	(ND v. Miami @ home)	

WEEK 8

Tu	October 9	MASONRY DAY: Depart D6 @ 8:00 am Masonry Day Design Project DUE @ 8:00 am	
Th	October 11	TOUR: Buildings of Notre Dame	Assignment: Reading #8: Allen Ch. 11 (412- 424, 431, 453-467, 476-end); Ching Ch. 5, 5.35-5.40
S	October 13	(ND v. Stanford @ home)	

WEEK 9

TU	October 16	FALL BREAK	
TH	October 18	FALL BREAK	
S	October 20	(ND v. BYU @ home)	

WEEK 10

TU	October 23	Lecture: Steel Framing	
TH	October 25	Quiz #6; (Class Oral), Discussion Lecture: Intro. to Wall Sections & Project 2 Studio: Project 2: Wall Section, Ex. 1	Assignment: Reading # 9: Allen Ch. 4, 5 (162-197); Ching: Ch. 5, 5.41-end Project 2: Due: Tuesday, 11/13 @ 12:30
S	October 27	(ND @ Oklahoma)	

WEEK 11

TU	October 30	Lecture: Wood Framing	
TH	November 1	Studio: Quiz #7	Assignment: Reading # 10: Allen Ch. 2, Ching Ch. 5, 5.07-5.08, 6 &7, 7.02-7.21
S	November 3	(ND v. Pittsburg @ home)	

WEEK 12

TU	November 6	Lecture: Typical Roof & Foundation Systems	
Th	November 8	Quiz #8; Discussion Studio: Project 2: Wall Sections, Exercise 1 & 2	
S	November 10	(ND @ BC)	

WEEK 13

TU	November 13	DUE: Project 2 @ 12:30 Lecture: Review Project 2 & Wall Sections Intro.: Project 3: Technical Drawings for final Studio Projects	Assignment: Project 3: DUE: Thursday, 12/6 @ 12:30
TH	November 15	Quiz #9 Studio: Project 3 Desk Critiques	Assignment: Reading #11: Ching Ch. 7, 7.22-7.37
S	November 17	(ND v. Wake Forest @ home)	

WEEK 14

TU	November 20	Lecture: Cladding & Exterior Details, Flashing	Assignment: Reading # 12: Allen Ch. 7 (254-273), Ching Ch. 10 (for ref.)
TH	November 22	THANKSGIVING	
S	November 24	(ND @ USC)	

WEEK 15

TU November 27 **Lecture:** Accessibility, Stairs &
Interior Finishes
Guest Lecturer: Bill Ponko, AIA

TH November 29 **Quiz #10;** Discussion
Studio: Project 3 Desk Critiques

WEEK 16

TU December 4 **Lecture:** Review of Traditional Construction
Methods and Materials and Their Modern
Application/ Sustainability

TH December 6 **Quiz #11;** Discussion
Studio: PROJECT 3 DUE: 12:30 pm

WEEK 17

TU December 11 FINAL EXAMS/ **No class**

TH December 13 FINAL EXAMS/ **No class**