

**CVEN 4830
Fall 2008**

**Civil Engineering Senior Design Project: IBS Building
Tuesdays & Thursdays, 3:30 - 5:30 pm, Room ECCE 1B41**

Week	Date	Topic	Speaker	Activity Assignment	Class Milestone
1	August 26	Organization, goals	Faculty		
		Team dynamics	Paul Chinowsky	6 Project Teams	
	August 28	AndersonMasonDale Architects, Denver	John Graham	JGraham@amdarchitects.com	
		Preliminary Design (PD)	Faculty and BB Load Analysis	Assignment of PD	Preliminary Design Stage
2	September 2	IBS-Clients	Richard Jessor IBS Faculty	Richard.Jessor@colorado.edu	
		IBS Site Visit			
	September 4	Campus Architect	Phil Simpson	Philip.Simpson@colorado.edu	
		CTC Geotek Inc	Bob Scavuzzo	BScavuzzo@ctcgeotek.com	
3	September 9	Martin/Martin Consultg Engrs Structures issues	Ben Nelson Lateral Bracing	BNelson@martimartin.com	
	September 11	Construction issues Drainage Issues WTC Collapse	BY KW/NIST Study JS/Len Wright	LWright@carollo.com	
4	September 16	Sustainable Engrg LEEDS issues	BY – Mortenson Constr Site Visit		
	September 18	Team meetings	BB		PD due (4:30 pm)
5	September 23	Intermediate Design PD Feedback	Faculty and BB	Assignment of ID to teams	Intermediate Design Stage
	September 25	Public issues B-City Manager,fmly	Frank Bruno	Frank.Bruno@colorado.edu	
7	September 30	International Issues EWB	BA Geotech Feedback		
		Cost Estimating	BY		
	October 2	Wind Loads Team meetings	Ross Corotis		
8	October 7	Construct Site Visit CU Art Center	CU Facil Managmt W. Ward & BY	William.N.Ward@colorado.edu	

	October 9	Structural Design Issues: ASD-LRFD	George Hearn Abbie Liel		
9	October 14	Team meetings	KW/BB – Beams & Columns		
	October 16	Team meetings	KW/BB - Floors & Curtain Walls		
10	October 21	Team meetings	BY – Construction Issues		
	October 23	Team meetings	JS – Drainage Issues		
	October 28	Team meetings	BA – Foundation Issues		
	October 30	Intermediate Design	Group Presentation		ID due (4:30 pm)
11	November 4	Final Design (FD) ID Feedback	Faculty and BB	Assignment of FD to teams	Final Design Stage
	November 6	ID -Feedback	Mentors and Faculty - BB		
12	November 11	Professional Ethics and Responsibilities	Jim Harris Structural Consultg	Jim.Harris@ jrharrisandco.com	
	November 13	Team meetings	Faculty-BB		
13	November 18	Building Information Models BIM	Ricardo Khan Mortenson Com	Ricardo.Khan@ mortenson.com	
	November 20	Final Design Preparation	Faculty-BB		
14	November 25	Fall Break			
	November 27	Thanks Giving			
15	December 2	Final Design Review	Faculty- BB		
	December 4	Final Design Review	Faculty - BB		
16	December 9	Final Design Presentations	Mentors and Faculty - BB		
	December 11	Final Project Report	6 Teams		FD due (4:30 pm)