

Project 2 / Report 2**Due: 3:35pm, Monday November 14, 2005.**

Please use a word processor for preparing your answers.

This is a group project. The exercise will be completed in class on Monday November 7. You should be able to complete the **group** project report electronically. Turn in only report per group.

Objective

1. To explore the engineering design process
2. To experiment with team building

The Exercise

Using one sheet of paper and a file label design and build a simply supported beam that can support 4 pieces of candy supported in a paper plate using two cable ties. The beam must have a minimum clear span of at least 65 cm (25.4 inches). The soda cans are used as the supports.

Your Report

1. Document the design process
2. Document your construction process (include a photo of the team and the product prior to testing)
3. Assess your design (strengths and weaknesses)
4. Describe the team interactions (do not name names)
5. Using the following table assess the teams strengths and weaknesses.
6. Describe what you would do differently to make your team function better.

Group Processing Plus/Delta Format	
Plus (+) Things That Group Did Well	Delta (?) Things Group Could Improve

Last Name	First Name	User ID	GRUPO	Last Name	First Name	User ID	GRUPO	Last Name	First Name	User ID	GRUPO
Adams	Daniel	dadams	a17	Haskell	Christopher	haskell	a13	Railly	Timothy	traily	a4
Alestock	James	alestock	a6	Hatgipetros	Maria	mhatgi	a9	Reyes	Jesus	jreyes	a16
Alexander	Michael	thomka	a16	Henderson	Alexander	alexphen	a18	Rockwell	Jeffrey	jrock	a2
Allmond	Jacquelyn	jallmond	a8	Hood	Matthew	mchood	a7	Rosenberg	Jamie	hope	a2
Autz	Ryan	rautz	a10	Husaman	Tiffany	thuseman	a19	Sanders	Skip	skipper	a1
Baseman	Gregory	gbaseman	a21	Jasperse	Ian	imj	a5	Schendowich	Max	maxs	a7
Becraft	Ryan	rmb	a8	Johnson	Matthew	matthewj	a24	Schiavone	Robert	rts	a3
Belknap	Alex	abelknap	a7	Kamal	Taiseer	tkamal	a13	Schilling	Alexandra	schill	a23
Berry	George	ripcurl	a12	Kane	Colleen	cmkane	a9	Seaman	Emily	eseaman	a4
Black	Laura	lblack	a3	Karas	Stephanie	stephkar	a19	Serkowicz	Timothy	tsenk	a10
Blake	Casey	cblake	a19	Khafil	Malcolm	mkhafil	a25	Smith	Owen	osmith	a17
Boettger	John	jboet	a2	Lahriere	Conie	conielaf	a13	Smith	Janay	janay	a14
Boland	Thomas	tboland	a8	Lampugnani	Giuseppe	italicus	a1	Solomon	Farah	fsolomon	a20
Burke	Timothy	burket	a23	Libby	Drew	dlibby	a6	Spencer	Shawn	spencers	a10
Callow	Pamela	pcallow	a17	Luen	Joey	luen	a24	Sponk	Daniel	arsenal	a11
Canataro	Thomas	tomcan	a23	MacKinnon	Benjamin	benmack	a3	Stephans	Jonathan	jsteph	a6
Castoro	Jonathan	jcastoro	a12	Malaviya	Sharang	smalaviy	a15	Studd	Timothy	timstudd	a2
Christopher	David	dgc	a7	Mandeng	Gabriel	gmandeng	a25	Sturgis	Michael	mjsturg	a11
Clevanger	Kyle	kclev	a10	Marsh	Jeffrey	jmarsh	a24	Terry	Kyle	kterry	a23
Cuzma	Ryan	respond	a1	Martinez	Hendrik	martinaz	a18	Thames	Taylor	tthames	a4
Daviano	Alex	boricua	A20	Marusa	Zanon	zmarusa	a22	Thompson	Andre	athompso	a5
Davies	Meredith	mdavies	a9	Michaud	Kevin	swervin	a20	Tice	Jonathan	jtice	a5
Duggins	Amanda	aduggins	a18	Mitchell	Charles	cwm	a3	Tobolski	Thomas	tommyt	a16
Finkle	Sarah	sfinkle	a12	Moffatt	TiAwna	tmoffatt	a14	Vay	Kaily	kaily	a9
Fiore	Matthew	mfiore	a10	Morabito	Joshua	jmorab	a21	Voorhees	Jacob	voorhees	a1
Fitzgerald	Amy	amyfitz	a17	Morales	Joshua	jmorales	a15	Ward	Nicholas	runward	a22
Fortunato	Bernard	brf	a21	Niblo	Kyle	kniblo	a24	Watson	Kyle	kww	a13
Giberson	Cara	cgiber	a20	Parkhurst	Matthew	mpark	a12	Yorke	Audrey	ayorke	a4
Gostomski	David	davgost	a24	Parseghian	Steven	sedward	a22	Yoshii	Shigemitsu	shige	a19
Gravatt	Kimberly	kgravatt	a22	Parselle	Alison	parsells	a5	Young	Graham	gyoung	a21
Gregory	Daniel	dgregory	a6	Patel	Neal	napatel	a25	Zinkand	Kevin	kzinkand	a8
Guest	CIEG125	CIEG125guest		Patterson	Linea	mmpat	a25				
Haller	Andrew	justlaxn	a16	Peiffer	Monica	mpeiffer	a1				
Hammond	Marcus	tmacn	a18	Perez	Denise	demp	a15				
Harbison	Michael	harbison	a15	Pierce	James	jpierce	a25				
				Pomeroy	Daniel	dansp	a14				

PLEASE DISPOSE OF CANDY AND SODA APPROPRIATELY WHEN YOU ARE DONE

GRADING SHEET – PROJECT 2/ REPORT 2

CIEG 125 - Introduction to Civil Engineering.

Group Number: _____

Group Members: _____

This sheet MUST be stapled to the front of your group project.

		Points awarded	Max points
General Presentation (10 points total)	Names, Date, Assignment #		2
	Neatness (don't forget to staple the sheets together in the correct order!)		3
	Logical Presentation		2
	Spelling/Grammar		3
1) Design process	Did you follow the engineering method? ¹ Did you brainstorm?		15
2) Construction process			15
3) Assess design	Strengths/ weakness		15
4) Team interactions	Did you follow the ground rules?		15
5) Assess the team	Strengths/ weaknesses Overall assessment – would you have been better off doing this an individuals?		15
6) Changes	What, when, how?		15
TOTAL			100

¹ For this project, these questions are not comprehensive. They are intended to get you started. However, your report should be comprehensive and succinct.