Poster Presentations ME 410 Spring 2010 Thomas F. Wolff, Ph.D., P.E Associate Dean of Engineering for Undergraduate Studies www.egr.msu.edu/~wolff



What happens at a poster session? What grabs our eyes, and why? Nuts and bolts – the basics Fonts and their "message" What to use when, leading, justification Tables and Graphics Critiquing some examples







The Basics



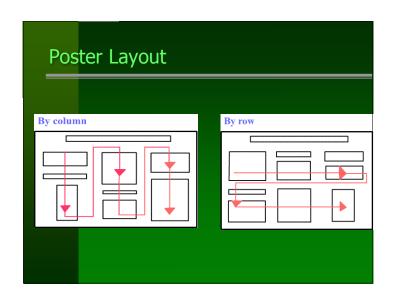
- Use Power Point (or similar) software to design your poster
- Standard size for a poster is 32 in x 40 in
- For engineering students, **DECS** has a poster plotter.
- Main Library Copy Center has a poster plotter Go to MSU home page search and enter "poster printing"
- ...or go to the UURAF web site
- FedEx Kinko's can also print posters (\$\$\$)
- Posters need not be laminated, but you may wish to
- MSU will furnish foam board and clips
- Plan ahead!

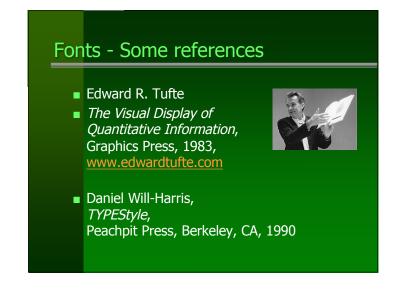
Poster Content



- Title
- Presenters name(s)
- Problem Statement (what was asked of you?)
- Approaches (what did you do?)
- Alternatives (what choices did you make?)
- Solution (what worked?) or Findings
- Recommendations (what are the next steps?)
- You don't want it to look nice but say nothing

Some things may be slightly different for design projects and research









Fonts - Rorschach Test

ME 481 Design Project
Design of a Heat Exchanger

Magneto

ME 481 Design Project Design of a Heat Exchanger Rockwell

ME 481 DESIGN PROJECT DESIGN OF A HEAT EXCHANGER

Stencil

ME 481 Design Project
Design of a Heat Exchanger

Tahoma Bold

ME 481 Design Project
Design of a Heat Exchanger

Times New Roman Underline

Justification and leading

Four score and seven years ago our fathers brought forth on this continent, a new nation, conceived in Liberty, and dedicated to the proposition that all men are created equal.

Now we are engaged in a great civil war, testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met on a great battlefield of that war. We have come to dedicate a portion of that field, as a final resting place for those who here gave their lives that that nation might live.

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Now we are engaged in a great civil war, testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met on a great battle-field of that war. We have come to dedicate a portion of that field, as a final resting place for those who here gave their lives that that nation might live.

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Now we are engaged in a great civil war, testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met on a great battle-field of that war. We have

Font styles (normal, italic, bold)

- Now is the time for all good men to come to the aid of their party.
- Now is the time for all good men to come to the aid of their party.
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- Now is the time for all good men to come to the aid of their party.

Emphasis: Read this from handout

Our project involved the design of three different parts: a heat exchanger, a relief and power supply. The heat exchanger was designed to provide a constant enthalpy system that defies the second law of thermal dynamics. In the event that Maxwell's demon gets loose in the heat exchanger, the relief valve is designed to open at a pressure of 14 gigaPascals. The power supply is provided by four Roman slaves who pedal a crank while being beaten with whips.

Our project involved the design of three different parts: a heat exchanger, a relief valve, and a power supply. The heat exchanger was designed to provide a constant enthalpy system that defices the second law of thermal dynamics. In the event that Maxwell's demon gets loose in the heat exchanger, the relief valve is designed to open at a pressure of 14 gigaPascals. The power supply is provided by four Roman slaves who pedal a crank while being beaten with whips.

Our project involved the design of three different parts

- •a heat exchanger,
- •a relief valve, a
- •a power supply

The heat exchanger was designed to provide a constant enthalpy system that defies the second law of thermal dynamics. In the event that Maxwell's demon gets loose in the heat exchanger, the relief valve is designed to open at a pressure of 14 gigaPascals. The power supply is provided by four Roman slaves who pedal a crank while being beaten with whips.

Line Length

Forescore and seven years ago our forefathers brought forth upon this continent a new nation, conceived in liberty and dedicated to the proposition that all men are created equal. Now we are engaged in a great civil war, testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met on a great battle-field of that war. We have come to dedicate a portion of that field, as a final resting place for those who here gave their lives that that nation might live. It is altogether fitting and proper that we should do this.

Forescore and seven years ago our forefathers brought forth upon this continent a new nation, conceived in liberty and dedicated to the proposition that al men are created equal. Now we are engaged in a great civil war, testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met on a great battle-field

Keep line lengths to about 30 to 50 characters

Tables – The MS-Word default

	Responses to	Table 3 ROSES Ass		estions				
Question		Percent of question respondents replying "agree" or "strongly agree" (number responding)						
		1995	1996	1997	1998	1999		
1	Career motivation	69.6 (112)	71.3 (94)	86.3 (124)	82.5 (143)	84.8 (112)		
2	Strategies and skills	81.7 (115)	76.6 (94)	88.8 (125)	90.3 (144)	90.5 (116)		
3	Enhanced development	63.4 (112)	63.8 (94)	75.8 (124)	71.8 (142)	89.6 (115)		
4	Orientation	86.2 (116)	85.1 (94)	88.0 (125)	84.0 (144)	90.6 (117)		
5	Campus resources	89.7 (116)	83.9 (93)	86.3 (124)	91.6 (143)	92.9 (113)		
6	Prepare for academic rigor	50.0 (114)	45.2 (93)	65.0 (123)	67.1 (143)	75.0 (112)		
7	Linkages with students	72.4 (127)	81.7 (93)	90.2 (123)	89.8(137)	90.6 (117)		
8	Activities	59.4 (138)	66.7 (87)	82.1 (123)	80.5 (149)	76.2 (109)		
9	Course organization	83.2 (119)	93.5 (93)	89.0 (82)	96.8 (94)	98.7 (79)		
10	Instructional team	95.8 (120)	96.8 (93)	97.6 (82)	96.8 (94)	100.0 (80)		
11	Homework		60.2 (93)	70.7 (82)	59.6 (94)	72.7 (77)		

Soft Line breaks for Titles



Effect of Facebook on Social Habits of Drosophila Melanogaster

Effect of Facebook on Social Habits of Drosophila Melanogaster

Tables – What Tufte would say

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