CSE/ISE 300 Communication  F11

• Time: Tue/Thur 5:20-6:40PM
• Location: Room 102  Light Engineering
• Required Book: The Elements of Style, 4th edition (2000), Authors: Strunk and White $10 (or $4 2007 reprint by Coyote)
• Online Technical Writing, Author: David A. McMurrey  http://www.io.com/~hcexres/textbook/
• Recommended Textbook: Pocket Guide to Technical Communication, 5th ed. (2011). Author: Pfeiffer $42 list; $33 Amazon ($26+$4 used)
• Instructor: Professor Larry Wittie   TA: Sean Munson
• Office: CS Building, Room 1308   TA Office: 2110 CSB
• Phone: 631-632-8750 (not 2-8456)   TA Hours: 11AM-1PM, Weds
• Email: lw@ic.sunysb.edu   TA Email: smunson@cs.stonybrook.edu
• Office Hours: 3:45-5:15PM Tue & Thu or by appointment
• Course Homepage: http://www.cs.sunysb.edu/~lw/teaching/cse300

Day 6 of talks, Thurs 17 Nov’11 at 5:25pm for 8 speakers; Day 5, Tue 15th for 9. Each talk must be 5 to 6 minutes long & use about 3 Powerpoint (.ppt) slides.

Final paper due Tues 6Dec11, 4 to 6 pages, printed + emailed to lw@ic…
CSE/ISE 300
Problems with the New Computer Paper2

1. The most common problem with paper2 submissions was that they were too short, fewer than 60 (and up to 75) lines of prose text, each at least 6 inches wide and spaced 1.5 lines apart so there were 30 (or 31) lines per page. (The 60 line minimum had to include at least 720 words; most full-length 2-page papers had about 800 prose words.)

2. The second most common problem was text sections that were clearly just modifications of sales text found on vendor web pages. You must use your own words, not paraphrased words written by others. (Many talks were also mainly copied from vendor websites.)

3. The third problem was a lack of order in the paper. Good order would have been: in the first paragraph - what the need for a new computer is and roughly how to solve the problem; in the second part of the paper, more detail why you need a new computer; in the third part, a precise description of an ideal computer with its exact price and vendor site; and a concluding paragraph that summarizes what computer you need and how purchasing it will benefit your company.
CSE/ISE 300

Paper 3 Code Documentation

The final and major paper for this course will be due Tues 6 December, both a printed version submitted at start of class and a single source file (doc or docx) email to lw@ic… with the Subject line containing 300 paper 3 code. Paper 3 counts for 30% of your cumulative score, which will determine your final course grade of A, B, C, or F. A passing grade is mandatory for graduation.

Your paper 3 must be four to six prose text pages of effective final documentation for a significantly large program that you have written. The code should be 100 to 600 lines that you personally have written and must be included as an appendix to your paper. All the rules for what counts as text in the first two papers apply for paper 3. The code in the appendix and any code quoted in the body of your paper do not count in the minimum of four pages.

Your prose must be interesting to read but must explain your code carefully enough that another professional can take responsibility for it and easily make changes to maintain and improve it.
Suggestions for Paper 3 Contents

In grading paper3, I expect to see a number of factual details that will help a programmer if she has to modify your code:

What are the code’s major function, its inputs and its results?
Who wrote the code, for what initial purpose, and when?
Tersely, what are the major algorithms and data structures? (Do not enumerate every module, like every tree in a forest.)
What are the major limitations of the code, its internal data structures, and any data structures assumed for its inputs?
How thoroughly was the code tested and with what input data (an appendix should list one or more complete test sets)?
What code parts do not yet work? What is needed to fix them?
What portions of the code are particularly tricky and may cause undesired side effects if changed hastily?
What changes would you have made to the code if you had had more time to work on it? Why would they have improved it?
What special advice do you give anyone changing the code?
CSE300/ISE300 Talk Evaluations - Revised

YOUR NAME : ________________   TODAY’S DATE : ________

1. Did the speaker speak clearly; was the speaker understandable?
2. Did the slide(s) have the right amount of content?
3. Did the speaker engage the audience well, make … eye contact?
4. How well did the speaker know the material?
5. How well were you convinced of the speaker’s points?
6. Was the talk the right length? (If too long and not finished, circle 4; if finished just before time limit, circle 5.)

<table>
<thead>
<tr>
<th></th>
<th>Name: ________________</th>
<th></th>
<th>Name: ________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>1 2 3 4 5</td>
<td>Spoke clearly</td>
<td>1)</td>
</tr>
<tr>
<td>2)</td>
<td>1 2 3 4 5</td>
<td>Good slides</td>
<td>2)</td>
</tr>
<tr>
<td>3)</td>
<td>1 2 3 4 5</td>
<td>Eye contact</td>
<td>3)</td>
</tr>
<tr>
<td>4)</td>
<td>1 2 3 4 5</td>
<td>Knew facts</td>
<td>4)</td>
</tr>
<tr>
<td>5)</td>
<td>1 2 3 4 5</td>
<td>Convincing</td>
<td>5)</td>
</tr>
<tr>
<td>6)</td>
<td>1 2 3 4 5</td>
<td>Good timing</td>
<td>6)</td>
</tr>
</tbody>
</table>

2. Name: ________________

7. Name: ________________
Speakers for Day 6, Thursday, 17 Nov.

6.1 Ali Demiralp
6.2 Xiu Yang
6.3 Michael Trifilio
6.4 Ashiq Huda
6.5 Martino Buffolino
6.6 Mitchell Wong
6.7 Aamir Mukhtar
6.8 Jiahe Sun
Speakers for Day 5, Tuesday, 15 Nov.

5.1 Zhijun Chen
5.2 Xiqi Liu
5.3 Xue Cao
5.4 John Elio
5.5 Jahammad Panchoo
5.6 Zhenxiao Lei
5.7 Pamela Wong
5.8 Wing Tam
5.9 Daniel Krupski
Order of Speakers on Day 1, 1 Nov.

Talk Day 1 - Tuesday, 1 November 2011

• 1.1 Justin Michell
• 1.2 Nicholas Rudolfsky
• 1.3 Gregory Nye
• 1.4 Sebastian Bryk
• 1.5 Samuel Nightengale
• 1.6 Kevin O’Flaherty
• 1.7 Ezinma Oji
• 1.8 Anthony Camizzi
• 1.9 Yaoska Evans
Speakers - Day 2, Thursday, 3 Nov.

Talk Day 2 - Thursday, 3 November 2011

• 2.1 George Donnelly
• 2.2 Josh Mason
• 2.3 Edward O’Hagan
• 2.4 Sicong Ma
• 2.5 Ann-Quette Wade
• 2.6 Stefan George
• 2.7 Alex J. Jensen
• 2.8 Richard Lall
• 2.9 Pei Chua Tao
Speakers Day 3, Tuesday, 8 Nov.

3.1 Mike Boruta
3.2 Ankush Manaktala
3.3 Louis Ahola
3.4 Vipin Khurana
3.5 Joseph Odlivak
3.6 Joseph Skufca
3.7 Solomon Jin
3.8 Kevin Li
3.9 Lisa Dang
3.10 John Elio
Speakers for Day 4, Thursday, 10 Nov.

4.1 Kyle Woodworth
4.2 Elton Chan
4.3 Christopher Graybosch
4.4 Michael Gulak
4.5 Daniel Krupski – no show
4.6 Johnny Wu
4.7 Armen Bandikian
4.8 Srijendra Maharjan
4.9 Joe Gefers
Suggested Contents of Slide 1

Title of Your Talk

Your Name

Your Title, Company Name or Department

Date of your talk

Abstract – two or three sentences

Good => 36 pt  32 pt  28 pt  24 pt <= too small

Bold Good => 36 pt  32 pt  28 pt  24 pt <= too small
Suggested Contents of Slide 2

What We Need to Buy and Why

Two paragraphs

or

One short paragraph

+

List of 4 to 6 Points

or

A picture of your dream machine.
Suggested Slides Are Only Hints

Many of the best talks on day 1 used more than 3 slides. Most had more than one image. Slides with colors worked well.

If you show 4 to 6 slides, make sure you can cover all the material without talking too fast. Very rapid speech is poorly understood and may bore listeners.

Lists in large fonts are better on slides than long paragraphs in smaller fonts.

Avoid backgrounds that hide your text.
What It Costs and Where to Buy It
Vendors and costs of proposed model(s) +
Concluding Paragraph
Summarizing which computer system,
How it will help company’s income, and
Where best to buy it, at what total cost.