Outline of Thesis

Wed 1/14/11

Jean-Francois Van Huele
Q: My most pressing question about PHSCS 416 right now is…

1. … about the logistics of submitting assignments

2. … “Where was Dr. Van Huele on Mon and Wed”?

3. … how to improve my outline

4. … how to get an A in 416

5. … none of the above. Let me tell you what it is!

(Show with fingers on chest; show fist = I don’t know)
Learning Objectives for AAPT-W11 FD08-Van Huele 9:40-9:50 a.m.

- Become aware of BYU advanced writing course in physics + some specifics (thesis-based)
- Enhance awareness of utility and flexibility of explicit learning objectives (LO)
- Share ideas and experience on LO
- Find contacts for exchange of resources on LO
- Review of some writing-in-physics rules

Active learning environment: audience participation!
Learning Objectives for 416  Fri 1/14/11

• Review of writing-in-physics rules (compound words)

• Become aware of purpose of outlines and strategies for writing outlines.

• Improve outline and use it as a stepping stone for section writing

• Share ideas and experience on outlines
• Find your peer with closest-research connection
• Find your peer with most distant research connection

+ Active learning environment: audience participation!
Compound Words
(What we learned from today’s quiz)

• 2 words ≠ hyphenated word ≠ 1 word

• AIP Style Manual, Appendix B: preferred spelling

• Evolution towards one word by usage

• Check usage in your (scientific) community
Q: How did you write your outline?

1. I looked at what I had, and I created a structure around it (mostly)

2. I took the existing template and “filled it in with my stuff” (mostly)

3. None of the above. Let me tell you how I did it

4. I did not write an outline

(Show with fingers on chest; show fist = I don’t know)
Q: My outline consists mostly of...

1. …structural words, like introduction, background, experimental set-up, data, discussion, conclusion…

2. …content-oriented (physics) words

3. …equal amounts of both

4. …none of the above. Let me tell you how I did it!

(Show with fingers on chest; show fist = I don’t know)
Q: I believe that...

1. …a table of content is the same as an outline!

2. …a table of content is less that an outline!

3. …a table of content is more that an outline!

4. …none of the above. Let me tell you what it is!

(Show with fingers on chest; show fist = I don’t know)