IMGD 2905

Student Presentations

1

Why Give a Presentation?

- People fear public speaking
- But you *will* speak
  - For class, job interviews, work, …
- Another skill to learn
  - Like designing game, coding, art …
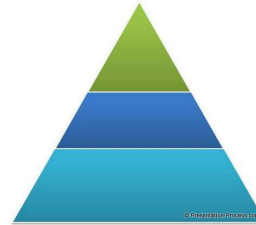- A critical part of analytics
  - Dissemination
- Enjoy!

http://www.eadcolma.org/images/Presentation-de-la-Cigarette-Electronique.jpg

2

Overview

- Presentation consists of 3 parts:

1. In-class presentation
2. Peer-critique
3. Reflection

http://www.presentation-process.com/wp-content/uploads/apply-quick-style-to-pyramid-shape.jpg

3

Details – In-Class Presentation
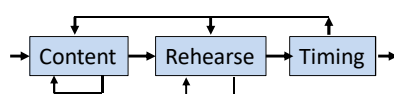
- Done 1 at a time (chosen at random) [Link]
- 2-3 minutes long
  - Slot is 4 minutes, so ~1-2 minutes for oral critique +
- Content drawn from *projects* (e.g., Project 1)
- Think of two slides

Methodology:
- what question asked
- how gathered data
- how analyzed

Chart:
- 1 chart
- maybe numbers
- *explain*

Content → Rehearse → Timing →

http://www.lakecountyohio.gov/portals/41/presentations.jpg

4

Talk Tips: Giving a Talk is Like …

- Stuff you already know… planning, program design, writing, studying, learning …
- Can read books
  - "How to Deliver a TED Talk" by Sinek
  - "Presentation Zen" by Reynolds
  - "The Art of the Explanation" by LeFever
- Watch Videos
  - "How to Give a TED Talk" by Smith
- Have some skills (e.g., can speak)
  - But need to refine and develop new skills
- Practice (this class)!

https://goo.gl/yHxRY6

Toastmasters
WPI Chapter

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Talk Tips: Common Mistake – *Tension*

- Audience is on your side
  - They want you to succeed
  - Look at them during talk

http://www.avinuty.ac.in/engineering_newsletter/June2012_nov2012/images/celebrate_the_times_sm_wm[1].gif

- Butterflies are normal and good
- Plan, prune and practice so you can relax
- Messages
  - Focus on audience not you

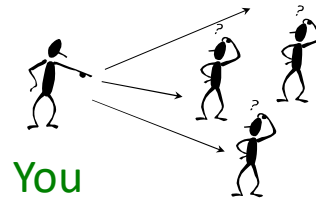http://hr.info.yorku.ca/files/2014/01/orientation.jpg
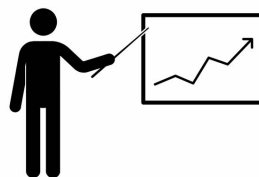
6

Talk Tips: Slides (1 of 3)

- Informs audience and focuses you
- *Use* slides
  - Support messages, say why there
- Not "busy"
- Size
- Don't write what you will say
- Transitions
  - Physical movement of slides
  - Know what you will say

You

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Talk Tips: Slides (2 of 3)

- Charts not tables
  - Complex figures are ok, but explain
  - Spend time
  - Describe axes, then trendlines, then results
  - Point to spots
- Tell them what to get (messages) from the figure!

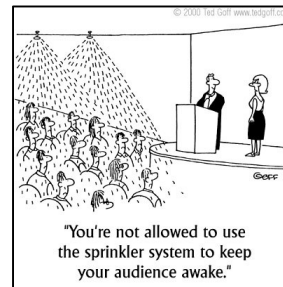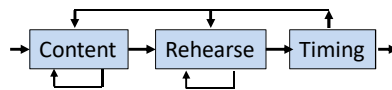http://il9.picdn.net/shutterstock/videos/9389132/thumb/1.jpg

8

Talk Tips: Slides (3 of 3)

- Good
  - terse
  - phrases
  - bullets
  - highlight key points
  - graphs
  - pictures

- *Revise, revise, revise!*

- Bad
  - verbose
  - compound sentences
  - paragraphs
  - unlabeled graphs
  - tables of numbers

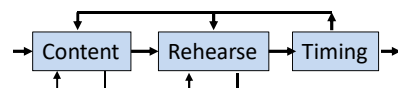"You're not allowed to use the sprinkler system to keep your audience awake."

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Talk Tips: Common Mistake – *Timing*

- Set pace for audience not you
- First few minutes
  - Why should they listen?
  - Why should they believe you?
- Finish
  - Impress main messages
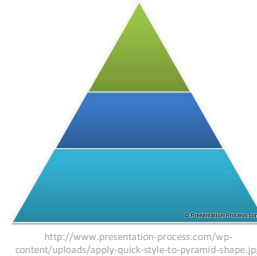 - Don't gasp or get tossed off stage
- *Practice, practice, practice*

http://fcpaprofessor.com/wp-content/uploads/2015/10/Timing.jpg

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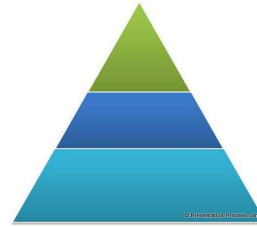
11

Details – Peer-Critique

- Oral – an open-faced "sandwich"
  - Something you liked   [Link]
  - Question (optional)
  - Suggestion for improvement
- Written
  - Content: Excellent, Good, Needs Improvement
  - Delivery: Excellent, Good, Needs Improvement
  - Did well?
  - Can improve?
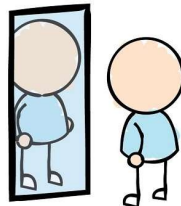
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Details – Reflection (1 of 2)

- Think about your talk preparation
- Read comments from peers
- Reflect on what happened during delivery

- "How did I prepare?"
- "What went well?"
- "What did not go well?"
- "What can I do differently next time?"

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Details – Reflection (2 of 2)

- Written – (e.g., Word doc)
  - Gather thoughts while fresh
- Short – about one page
  - Tip: organize with questions from previous slide
- Use insights gained to inform planning of subsequent presentations!

http://www.seobook.com/images/writingguy.jpg

Due within 3 days after presentation!

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Grading

- Presentation   80%
- Peer-reviews   10%
- Self-reflection   10%

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