

# FTCP Capstone Project

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# Overall Comments

- Teach the way you were taught
- Active learning
  - Technical subject challenges
- Relationships with students
- Fewer lectures and PowerPoint slides
  - (Except today...)

# Instant Feedback Assessment Tests

- Gave a test to two classes
- One informal evaluation
- One formal evaluation
- Wondering if I should use these 'scratch' sheets again...

# AVIA 334 – Aviation Management

- Discussed this method before taking the test
- Told students to study the week before
- Test comprised of two sections
  - The Chapter assigned for that week
  - A review of the entire semester

# AVIA 334 Results

- 30 questions = 30 minutes
- Good discussion among the students
- Feedback was overwhelmingly positive

# Results – 15 students

- Did you like it?
  - 11 “yes” vs. zero “no”
- Did anyone teach?
  - 4 “yes” vs. zero “no”
    - “Everyone taught a little”
    - “...consulted with others and made a compromise”

# Results

- Should we do these tests again?
  - Six “Yes” versus zero “No”
  - Two people said we should do the final exam this way
  - One person said we should do all tests this way

# Other comments

- "I usually have questions narrowed down to two possible, so getting 2<sup>nd</sup> chance points are good."
- "Something different which is good."
- "We got to see how we interact with each other."
- "You learn more than the standard lecture."

# Other Comments

- "...helps us review more than reading materials."
- "You get a variety of inputs from different people."
- "It gave a good opportunity to talk with others and decide which answer was right and why."

# Other Comments

- "I think if you can answer a question and explain to someone else why the answer is right it really helps you understand the material yourself."
- "Our group talked out the answers and made a logical decision based on 'who knew what the most.' The second chance really helps you learn the material better."

# Negative feedback

- Only two negative comments. Both were complaining that the test took too long.
- Could the lack of negative comments be because of my personal attitude going into the test?

# AVIA 100 – World of Aviation

- Went in 'cold' so as to avoid a bias.
- Test
  - Questions from the week's reading
  - Questions from the whole semester's topics
  - Questions over topics in the book that I had not covered in class

# Evaluation

1 = strongly agree

5 = strongly disagree

- This test was beneficial to me:

■	1	2	3	4	5
	X	XXXXX	X		

# Evaluation

1 = strongly agree

5 = strongly disagree

■ I learned from this test:

■ 1	2	3	4	5
XX	XXXX	X		

# Evaluation

1 = strongly agree

5 = strongly disagree

- The test pointed out weaknesses in my learning:



# Evaluation

1 = strongly agree

5 = strongly disagree

- The test was fun:

■ 1	2	3	4	5
XXX	XXX	X		

# Evaluation

1 = strongly agree

5 = strongly disagree

- This test took too long to take:

■ 1                    2                    3                    4                    5

XXXXXXXXXX

# Evaluation

1 = strongly agree

5 = strongly disagree

- Someone else in my group did some teaching to the other members of the group:

■	1	2	3	4	5
	X	X	XXX	X	X

# Evaluation

1 = strongly agree

5 = strongly disagree

- I did some teaching to the other members of my group:

■	1	2	3	4	5
	X	X	XXX	X	X

# Evaluation

1 = strongly agree

5 = strongly disagree

- I would like to do more 'instant feedback' tests in this class:

■ 1	2	3	4	5
	XXXXX	XX		

# Evaluation

1 = strongly agree

5 = strongly disagree

- I have done 'instant feedback' tests in other classes:

■ 1	2	3	4	5
	X		XX	XXXXX

# Evaluation

1 = strongly agree

5 = strongly disagree

- I would like to do 'instant feedback' tests in other classes:



# Evaluation

1 = strongly agree

5 = strongly disagree

- I would like to take the final in this class using these 'instant feedback' forms.

■ 1	2	3	4	5
X	XX	XXX	X	

# Conclusions

- "Use as a tool, not as a rule"