


The Key to Good Grades




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It might seem obvious that

- Attending lecture
- Learn what is important
- &
- Doing Practice Quizzes
- Learn test format
- Learn important test topics
- Reduce "test-taking Anxiety"
- Test learning prior to score for grade
- Will lead to better grades








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Does reality support this opinion?

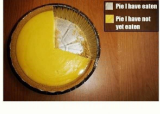
Since "science" is about "measuring stuff"
What do the "numbers" suggest?



The following 3 graphs plot
CEM 090 student performance for a 12 week summer session
(CEM 101 is CEM 090 with different name)

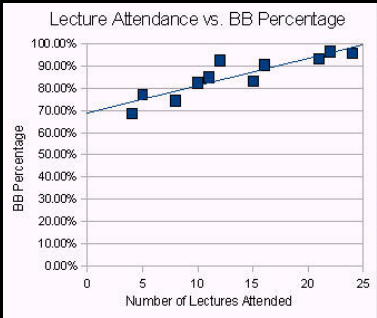
Line on the graphs demonstrates "best fit" relationship

World's Most Accurate Pie Chart



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Lecture Attendance & Final Blackboard Percentage

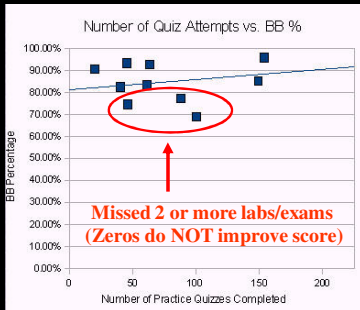


Graph suggests: attending lectures → higher grades

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Practice Quizzes Attempted & Final Blackboard %



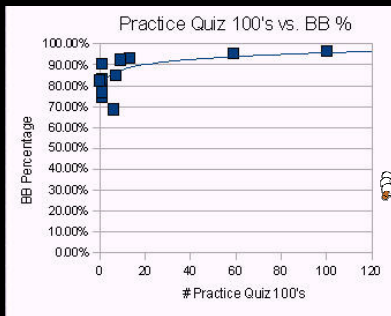
Missed 2 or more labs/exams
(Zeros do NOT improve score)

Graph suggests: taking lots of practice quizzes → higher grades

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Practice Quiz 100's & Final Blackboard %



Graph suggests: lots of practice quiz 100's → higher grades

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Test Averages: Attending Lecture Session Practice Quizzes

Test	Attend	Not Attend
4	92	72
5	91	68
6	88	79
6 I	8.47	5.34
7	92	88
7 I	6.87	4.92
8	85	83
8 I	8.98	6.75
9	82	70
9 I	7.75	6.70
10	86	79
10 I	8.28	6.86
11	82	72
Final	75	65

**Table Suggests:
Attending Lecture Practice Quiz
Improves Grade**

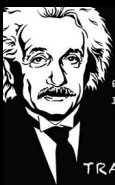
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“Numbers” suggest:
**Attending class
&
Taking practice quizzes
will raise the final grade!**



**In other words,
CEM 101
Is no different from any other college class ...**

Good grades come from good study habits






EDUCATION IS NOT THE LEARNING OF FACTS BUT THE TRAINING OF THE MIND TO THINK

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**At the start of the semester:
Everyone has an “A”**

You keep that “A” by:
**Attending Class
Doing Practice Quizzes
Asking Questions
Talking / e-mailing Instructor**

Typically: > 50 % A’s ; ~ 90% A’s or B’s

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Never Give Up! Never Surrender!



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