

Student Assessment of Learning Gains

View Answers to Your Added Questions:

Chem 35.5 Ateneo de Manila: Chemistry 1-MAC 1, 2007-2008

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1. How interested were you in chemistry before taking this class? (N=37)

great deal	32% (12)
fair amount	57% (21)
Some	11% (4)
very little	0% (0)

2. How interested are you in chemistry after taking this class? (N=37)

A great deal	30% (11)
A fair amount	41% (15)
Some	16% (6)
A little	14% (5)
None	0% (0)

3. Our instructor came to class prepared. (N=37)

Strongly agree	59% (22)
Agree	41% (15)
Neutral	0% (0)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.41, S.D. = 0.49	

4. The Chem 35.5 blog was helpful and should be continued. (N=36)

Strongly agree	69% (25)
Agree	31% (11)
Neutral	0% (0)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.31, S.D. = 0.46	

5. On average, Dr. Gross lectures were lucid, clear and understandable. (N=37)

Strongly agree	38% (14)
Agree	59% (22)
Neutral	3% (1)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.65, S.D. = 0.53	

6. I liked our instructor's style and his rapport with the classroom. (N=37)

Strongly agree	43% (16)
Agree	54% (20)
Neutral	3% (1)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.59, S.D. = 0.54	

7. My learning would have been enhanced had the chemistry labs been better coordinated with chemistry lecture? (N=37)

Strongly agree	59% (22)
Agree	30% (11)
Neutral	11% (4)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.51, S.D. = 0.68	

8. Our instructor expected too much from students. (N=37)

Strongly agree	14% (5)
Agree	16% (6)
Neutral	59% (22)
Disagree	11% (4)
Strongly disagree	0% (0)
Average = 2.68, S.D. = 0.84	

9. Examinations reflected what was covered in lecture and what was assigned in the homework problems. (N=37)

Strongly agree	30% (11)
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Agree	59% (22)
Neutral	11% (4)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.81, S.D. = 0.61	

10. The instructor was available or made time if I needed help. (N=36)

Strongly agree	33% (12)
Agree	56% (20)
Neutral	11% (4)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.78, S.D. = 0.63	

11. If I wanted too, I could have worked harder in this class and probably got a B or higher. (N=37)

Strongly agree	43% (16)
Agree	38% (14)
Neutral	14% (5)
Disagree	5% (2)
Strongly disagree	0% (0)
Average = 1.81, S.D. = 0.86	

12. This instructor was stimulating and interesting. (N=35)

Strongly agree	29% (10)
Agree	66% (23)
Neutral	6% (2)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.77, S.D. = 0.54	

13. Our instructor cared about how well we were doing in class and out. (N=37)

Strongly agree	35% (13)
Agree	57% (21)
Neutral	5% (2)
Disagree	0% (0)

Strongly disagree	3% (1)
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Average = 1.78, S.D. = 0.78

14. Our instructor encouraged participation from the class. (N=37)

Strongly agree	24% (9)
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Agree	65% (24)
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Neutral	11% (4)
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Disagree	0% (0)
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Strongly disagree	0% (0)
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Average = 1.86, S.D. = 0.58

15. There was not enough interaction with the students during lecture. (N=37)

Strongly agree	3% (1)
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Agree	32% (12)
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Neutral	32% (12)
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Disagree	30% (11)
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Strongly disagree	3% (1)
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Average = 2.97, S.D. = 0.91

16. As a judge of this particular Chem 35.5 class, I wish that.....

- a book better than Skoog will be used

... they should have taken Ch11 so that they can fully understand the topics discussed in Quantitative Analysis... and so that the instructor won't have a hard time catching up...

future mac majors would have their lives harder... muwahahaha WHY? Chemistry gets modernized day after day, which means the lessons would get more complicated each time. Right? Let's see what happens. Hope MAC gets out of the "Underrated" bracket and move up to the "one-of-the-hardest" title. :)
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he would memorize our names and arrange his slides (i get dizzy sometimes because of his quick flipping)
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I could have concentrated more!!

i did better.

i wish that we had chem11 first. a deep understanding of chem 11 would probably increase the performance of the students.

it was a good class. i was able to understand most concepts taught
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it would be abolished and let MAC majors take chem11 and then go to chem35.. for me learning stuff from chem11 was more effective than having you learn chem35 immediately after chem7..
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lessons would be chosen well. What should be taught to us are the things that are really useful

and will enable us to put up businesses in the future, not just theoretical stuff we won't even remember a year from now.

more practical stuff came about, especially for us mac majors.

none

Our lab and lecture classes would be more... in tune? i think it'd help us connect and understand the topics more

the class lectures were more organized. :)

the class was not held in the 7:30 - 8:30am time slot and I wish that I had taken Chem 11 before.

the classes were set at a later time, like around 830am, it would have been more convenient

the concepts would me discussed in a clear and organized manner to avoid shifting from one bokk to another

the course pace was slower

the instructor asked for more participation from the students during discussions like asking us to do board exercises and recitation.

the lecture was a little bit more in-depth, but at the same time that the tests would remain the same coverage

The lessons in silbeberg and skoog be more connected

the lessons were explained slower and more in-depth.

the lessons would not dwell much on the theories rather, on more practical applications of these theories.. lecture and lab were coordinated..

the pace was a little slow because we had to review a lot of things already discussed.

the problem solving teacher would have been better to have helped the students practice more

the skoog book be replaced.

the teacher would continue his well done job.

The tests weren't that hard. I did have a difficult time and the fact that Quantitative Analysis Chemistry is taken without previously taking Chemistry 11 and 12 seems a bit suicidal thus it terribly hard for students to keep up and understand. :(so I guess I wish there was Chem 11 before 35.5.

there would be a change in the curriculum, basically (at the start of the sem there was a feeling of lacking information. at least the information gap was filled up at a later time)

We did problems during Lecture class, instead of having a separate class for that.

WE HAD CHEM 11

We had chem 11 before we started. It was as fun as Chem 7/8. It didn't have to feel like too information cramped in one class. It involved more discussions about chemistry in the business environment.

We had Chem 11 first before taking this class to fully understand the lesson

-we had chem11 in order to fully and concretely understand the lessons

We had taken Chem 11 first so that we were able to better understand the topics taken in Chem35.5

we would've taken chem 11 first?

while Dr. Gross did his best to teach us chem35.5, I wish that we had been required to take chem11 first in order to help us understand the material better. It might have helped us get higher scores in our exam if we had...

17. There was too much self-discovery learning in this class (learn on your own).

(N=37)

Strongly agree	11% (4)
Agree	30% (11)
Neutral	49% (18)
Disagree	11% (4)
Strongly disagree	0% (0)
Average = 2.59, S.D. = 0.82	

18. The pace with which we covered material was about right. (N=37)

Strongly agree	16% (6)
Agree	43% (16)
Neutral	14% (5)
Disagree	27% (10)
Strongly disagree	0% (0)
Average = 2.51, S.D. = 1.06	

19. Homework problems, while many, helped me learn the material. (N=37)

Strongly agree	24% (9)
Agree	54% (20)
Neutral	19% (7)
Disagree	3% (1)
Strongly disagree	0% (0)
Average = 2, S.D. = 0.74	

20. I would rate Ian Ken Dimzon's instruction in the lab course as: (N=37)

Excellent	78% (29)
Good	19% (7)
Average	3% (1)
Poor	0% (0)

21. I would rate Mr. De Vera's recitation as: (N=37)

Excellent	0% (0)
Good	11% (4)
Average	49% (18)
Poor	41% (15)
Does Not Apply	0% (0)

22. The scoring and grading system was defined in the syllabus and implemented in a consistent manner. (N=37)

Strongly agree	41% (15)
Agree	54% (20)
Neutral	0% (0)
Disagree	3% (1)
Strongly disagree	3% (1)
Average = 1.73, S.D. = 0.83	

23. I read the assigned material before going to class. (N=37)

Always	5% (2)
Sometimes	70% (26)
Rarely	19% (7)
Never	5% (2)

24. On average, I worked out all of the assigned homework problems instead of waiting until the problem solving session. (N=37)

Yes	65% (24)
No	35% (13)

25. I want to have Dr. Gross as an instructor in another chemistry class in the future. (N=37)

Strongly agree	59% (22)
Agree	35% (13)
Neutral	5% (2)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.46, S.D. = 0.6	

26. The pace of the course was: (N=37)

Too Fast	22% (8)
Just right	70% (26)
A little slow	8% (3)
Too slow	0% (0)

27. The group laboratory project was worthwhile and should be continued. (N=37)

Strongly agree	54% (20)
Agree	38% (14)
Neutral	8% (3)
Disagree	0% (0)
Strongly disagree	0% (0)
Average = 1.54, S.D. = 0.64	

28. My top three suggestions to Dr. Gross to help him improve his classroom instruction would be:

- get to know the students better - encourage individual consultations especially to those who are in trouble

1) Require his teacher assistant to sit in class so that he will know what to discuss in problem solving classes. 2) Discuss hw problems in class 3) Require students to have at least one consultation.

1. do some very very hard problems in class 2. make easier exams 3. make the score for the exams less than 200 (200 is too much, 100 is ok..)

1. More assertion based lessons 2. It would be nice if you also were the professor for the prob solving class 3. Go through the exams (if time isnt enough, then maybe the number where most got it wrong)

1. pace should be a little bit faster but not compromising the learning we have 2. be clearer (if possible write it down especially if some written in the syllabus rules were changed) on instructions especially since other people didn't understand that homework problems were in fact quizzes 3. continue with the practical applications of the course which really makes the lessons very relevant especially with MAC majors

1. set aside a problem solving class/review class wherein he would be the instructor so that concepts can be explained further during class, 2. correct errors in slides before uploading them because this sometimes causes confusion especially during review 3. a class project could be given to class to help students pull up their grade

1. Tackle some of the more difficult assigned problems in class as the problem solving sessions just aren't enough. 2. Have more student participation (recitation, blackboard solving, etc...). 3. Give more real-world examples and applications of some of the more abstract topics such as the absorbance part. 4. More donuts!!!!

1. there would be more teacher and student discussion and exercises done by students at the board for better understanding of the topics. 2. A project for the chem lecture so that there is an application of what we have learned other than that of the lab. 3. Four long tests instead of three.

1. to apply more practical examples of the topic in the real world. This was very effective in boosting the students interest in chem 2. To give lots of encouragement and words of wisdom. 3. To know the names of the students by heart :) hehe.

1. to go over the topics less rapidly 2. give us a little more time during quizzes 3. be a little less critical

1.) Continue what you are doing 2.) Ian is not very helpful (twice) 3.) Some real life situation problems, like we are solving a problem related to our business or something like that

1.) More funky jokes (hell lotsa fun, that mark joke beats me) 2.) Assertion method - continue doing it 3.) Dr. Gross could do a little shredding, especially that of Paul Gilbert's music... Long live Dr. Gross.

a some sort of demonstration of the application in front of the class (demonstration big enough to see the application yet small enough to fit the lecture), a different problem-solving teaching assistant, and regularly-updated blog.

arrange your slides in the right order (don't quickly flip through one after the other), eliminate the unnecessary slides, give more class quiz (one where we have to work together)

-Be a little more approachable, kinda scary... :(-Have everyone do a little board work, especially the ones who didn't really participate (me) I think it would have helped me too. :) -Do the problem solving sessions personally

better lectures since some lectures were not that lucid.

Don't judge a book by its cover...:)

Give easier exams Memorize students names Give less hw problems

have more organized slides, give more problems to practice on and continue to bring life to class by the usual means that he does.

i don't really have any suggestions to make as the class was pretty good in my opinion.

Keep the slides. It's very helpful. Thanks for uploading them on your blog! It has really helped me in my studying.

more jokes

-more lectures on how to solve chem problems, -more detailed yet on to the point slides (ppt), -group activities

more on the practical stuff four long exams so that the topics to review would be less a little less homework problems

more student participation, better coordination with the lab experiments, and get a more INSPIRING teaching aid

NO ANSWER

none

none! his approach is enough.. i prefer him that way...

None. Dr. Gross's teaching skills are ok and not boring

None. Everything was just right. From the pacing to the explanations.

Replace De Vera Replace De Vera Replace De Vera with Ian Ken. haha (200% better)

The class would've been more interesting if on some days we'd talk about chemistry in the business context. Despite our course being a management and chemistry course, it can sometimes be difficult to forge the connection.

The course must be integrated with lab more. The course should be more practical to suit the course The integration of lab and lecture was useful.

-the problem solving class be improved on -have the 'bonus questions' part back in the long tests -continue helping in our lab by introducing the method to us in class

to discuss all assigned materials in class and not rely on the students to study the material on their own, put up activities stimulating learning (as in chem projects w/c will stimulate learning and fun and will develop our business skills), be more considerate of all the people in class

to slow the pace a little bit, to give more time for the harder, more boring concepts and to have a different problem solving assistant.

29. As an instructor, I would rate Dr. Gross as (N=37)

Excellent	41% (15)
Good	57% (21)
Average	3% (1)
not very good	0% (0)
Poor, get rid of this clown	0% (0)

This site was created with funding courtesy of the [The ExxonMobil Foundation](#) and the following [National Science Foundation](#)-funded projects:

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