

New York Institute of Technology

FCSC 101 COURSE SURVEY

Fall, 2011

Prepared by Office of Planning and Assessment



11

Summary of Major Findings:

Selected Items:

1. **Course Overall Quality:** Over majority of students agreed or strongly agreed that the course overall design is great.
 - 74% students strongly agreed or agree the instructional approach helped learning, while only 13% disagreed and strongly disagreed in this regard
 - 69% students strongly agreed or agreed that the pace of the class helped learning, while only 12% disagreed and strongly disagreed in this regard
 - 68% Students strongly agreed or agreed that the choice of the topics helped learning, while only 12% disagreed and strongly disagreed in this regard.

2. **The Course Organization:** Majority of students agreed that the assignments complement the learning; class activities are well coordinated with lectures and readings; reading complement the lectures and online material are very useful. Only less than 10% students disagreeable.

3. **Assignment and class activities:** Over majority of students think the assignments and class activities are designed well to help them learn in this course. Disagreement is minor.
 - Only 10% students didn't think reading and posting help learning.
 - Only 15% students didn't think Science in the News help learning
 - Only 11% students didn't think Activities in the class help learning
 - About 17% students didn't think final project help learning
 - About 16% students didn't think Mid-term exam help learning.

Procedures and sample description can be found in Appendix A.

Initial Report

Last Modified: 01/12/2012

Please indicate your class section you attend: MA (Manhattan)
MA01-08, OW (Old Westbury) OW01-OW13:

#	Answer	Response	%
1	MA01	18	7%
2	MA02	11	4%
3	MA03	7	3%
4	MA04	8	3%
5	MA05	15	6%
6	MA06	6	2%
7	MA08	5	2%
8	OW01	18	7%
11	OW02	20	8%
12	OW03	32	13%
13	OW04	13	5%
14	OW05	10	4%
15	OW06	7	3%
16	OW07	24	9%
17	OW08	2	1%
18	OW09	12	5%
19	OW10	3	1%
20	OW11	16	6%
21	OW12	13	5%

22	OW13		13	5%
	Total		253	100%

1. The Course Overall: How much do you agree that the following aspects of the class HELP YOUR LEARNING?

#	Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Responses	Mean
1	The instructional approach	27.06%	47.06%	12.55%	7.45%	5.88%	255	3.82
2	Pace of the class	26.27%	42.75%	19.22%	5.88%	5.88%	255	3.78
3	The choice of the topics for the content	26.67%	41.18%	19.61%	7.06%	5.49%	255	3.76

Provide explanation or comments for your choices made above, if you want to

Text Response

I would suggest providing us with more qualified teachers rather than 1. initially hiring someone who could barely speak English and 2. Someone who only knew how to speak about topics but not teach them

I really don't think this foundation class is really necessary because it is bit of a waste of time in that the class merely goes over subjects in science that were covered in high school and are more thoroughly covered in classes of those respective subjects. Most students just sat and dozed off for however long the seemingly endless class and still managed to do pretty well, at least in my case. The foundations courses in writing are definitely a more justifiable waste of time/ filler class than foundations of the scientific process. I didn't learn anything new that i didn't already know and i don't know if that is simply because i am a science major and have been exposed to more science subject matter than some of my peers.

Pace of the class: Was nice, occasionally stopped and asked students for any questions

the class was fun and i learned more then i expected. it was also not rediculausly hard like my other classes.

The pace of the course was good, the power points helped. The experiments in my opinion were only okay, they were confusing to do and understand.

it was mostly powerpoint on information i already knew. i did not learn anyhitng from the class.

The course was long and the material was lengthy and tiring.

The choice of the topics for the content were reasonable, but I felt that we either went way too deep into some topics and not deep enough into others.

Some topics are actually foundations class topics. In some others are much more advanced. It is uneven. Also, the topics are too broad. I personally already knew a lot of them but I don't think that people who knew about them will actually remember a lot ...

Dr. Jacob was very organized and made the class easy to follow and fun

The class was kept at a good pace and taught us various scientific processes. The teacher provided information well to the class but the topics were not interesting (some were)

the topics and the way they were presented made it easier to understand the information that is being taught however the pace of the class was much too fast to absorb all that was being taught some information of the class is really specific not for a foundations class

I enjoyed the course, but didn't see how relevant it was/is to my degree at all.

Biology and genetics don't interest me and physics might not interest others so I kind of think it is too general for science.

Very easy to understand

she was a good and informative teacher

Most of the class seemed like an 8th grade general science class, not entirely a bad thing but more interesting material would have been nice.

This "supposed" foundations course offered no new knowledge for myself and I felt as though it could have been more involved especially for a three-credit lecture. There was no real basis for the lecture and I saw it as a waste of time. I myself am a Mechanical Engineering with a minor in Aerospace engineering major, and this course did not even compare to my already strong mathematical and scientific background.

Instructor delivered concise lectures and included interesting information that stimulated my interest. The class activities, such as the labs and group work, gave "hands-on learning experience."

The professor was unable to properly teach the class the material. He was difficult to understand and made the class even more boring than it would be.

nothing wrong with her teaching at all. Though some of the stuff I already knew from high school and even grade school. Plus I was never interested in science. Good teacher though.

It was unfair to us how we had an instructor swap mid term.

The instructor was great, yet the purpose of the course was absolutely useless.

n/a

The class covered way too many topics of general science instead of focusing on experimentation and research.

The class pace was perfect, the instruction was sublime and the topics were interesting

I do not find it of interest, I am a Communication arts major, I have no liking towards science.

The topics were unclear and rarely explained.

she gave too much work when only had about 4 weeks left for work putting too much pressure on the kids. it sometimes look like she teach the same topic over and over some topics, such as the molecular biology and chemistry, didn't seem to fit in with the overall curriculum.

He taught extremely well, and reviewed the details of each topic.

While the subjects may have been taught appropriately, I disagree with the course layout. Science should not be taught by choosing different subjects or fields of science. It seems wrong to jump from a biology related subject to chemistry or astronomy. Rather, a survey should be given to students to let them decide which area they would like to study, be it genetics, astronomy, geography, or some other field of science. Then they should be placed in a section that deals with one field of science. Students would be better off learning about a subject of interest than deal with several subjects of different sciences.

I felt class was poorly organized

The pace of the class was tainted due to a change in professors 4 weeks before the end of the semester. Has nothing to do with our current professor though.

The class had a quick pace due to outside influences and I felt that the material on space was not needed

The instructor never showed up for many classes. Then when he finally got replaced, we were expected to be at the same level as the rest of the classes; this seems unfair. I do not see how we are asked to cover all the information needed, however the new prof is doing her best, I guess.

The teacher was very helpful throughout the whole semester.

The professor did not make the content clear for one to understand.

I believe that the grading for this course was way too harsh, for an INTRODUCTORY course, designed for upcoming freshman straight out of high school.

I believe that the grading for this course was way too harsh, for an INTRODUCTORY course, designed for upcoming freshman straight out of high school.

Flew through powerpoints very fast, I was unclear about what I was learning.

The class provided good general information about different fields in science, the pace of the class was steady in that it allowed students to fully comprehend the material.

Briefly covered each topic, moved quickly, a lot of extra time at end.

Personally I am not a fan of majority online work. I did enjoy the hands on learning assignments.

Too much boring, useless materials.

This class was kind of pointless. The teachers didn't follow through the things we were supposed to learn and the objective of this class wasn't clear. The teacher herself was confused on how to explain the curriculum.

Totally irrelevant to my major waste of time.

Our previous teacher thought us nothing and his replacement ended up cramming all the information towards the end of the semester.

This class was absolutely pointless. I seriously doubt these credits will even transfer over to another school. However, my professor tried to make the class as entertaining as he could, although he admitted to not enjoying the concept of the class either.

pace of class was ok at first before change of professor. then it became more intense as we had to do a second midterm

Prof. Tansel could not teach. Horrible in class; did not understand accent. Homework made no sense and did not match up with class work. Had a hard time following the class.

The Professor did not use any of these aspects in class, thus it did not help my learning at all.

w SOLIMAN... remember him?

The class was horrible. I learned nothing. Although the instructor was very friendly she didn't do much of a job teaching and the class was boring and unfocused. Very few, if any, things we were quizzed on for the mid-term were discussed in class and more than half the topics on the final-exam review were not discussed either. Even when things were discussed they were not taught in an understandable manner and the class was incredibly droll and dull. I need to learn half a course work's worth of work on my own to be able to pass the final, while the review sheet was posted only about a week to a week and a half before such. This class was awful. It's also pointless to someone (such as I) who is already in a science major and would be spending whole semesters to actually learn the topics "covered." I pissed away my money with this course and it's revolting.

The pace was appropriate. Sufficient time was given on the challenging subjects discussed in the course. Perhaps there could have been more time for class discussions
 this couser is waste of time for kid

For the short time that Prof.Synder was with us she was very helpful.

the instructor was fine, the power points were helpful. It would have been better if we had access to the power points, so we could review any material we didn't get a chance to take notes on during class. The pace of the class was fine too, but i feel like the nature of the course caused us to jump around a lot. We would go from astronomy to physics in a week, sometimes in one class. The biggest problem I had were the topics chosen for the class. There are so many sciences trying to be covered that you really don't get a good sense of anything. I feel like I learned nothing, and then we expected to know large volumes of information, and formulas that covered quick power point presentations. That weren't available to us after the class. This became annoying when studying for the midterm and final, because it's hard to know what the test was going to focus. Another thing that bothered me was that we were tested on things that weren't even in the textbook, like chirality.

Statistic	Value
Total Responses	59

2. The Course Organization: How well are the following various aspects of the course Integrated with the course as whole? Please comment below

#	Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Responses	Mean
3	Assignments complement the learning	32.41%	46.64%	13.83%	4.74%	2.37%	253	4.02
2	Activites are well coordinated with lectures and readings	33.99%	44.27%	13.83%	3.56%	4.35%	253	4.00

1	Readings complement the lectures	25.69%	48.22%	18.18%	6.32%	1.58%	253	3.90
4	Online material are very useful	34.13%	34.92%	19.44%	6.75%	4.76%	252	3.87

Provide explanation or comments for your choices made above, if you want to:

Text Response

N/A

I don't think many people actually read anything for the class or even bought the text....the in class activities however did have to do with what was being presented in class that day...some assignments, like science in the news just seemed pretty pointless but others were related to what was being covered in class....there really was no online material for it to be useful or not.

Links were provided in powerpoints incase we wanted to see

I did not find that the book helped, i feel like I did not have to read to understand the lectures. The activities went along with the lectures well. There was no online material besides the science in the news.

Everything was outlined accurately and easy to follow.

The science in the news was not very useful in the learning itself. Also, the activities of end of the class were not very scientific.

all agreeable items

the information online was very helpful since it provided back up information the lectures in class

The amount of work for readings was sometimes unnessesary

The readings were really good and they help you get a better idea of the topic that we are talking about. They provide clear examples and help your learning overall.

the work in class helped me understand the topic better and more throughly

Of course if we're are learning about genetics our work show pertain to that.

online material like doing science in the news articles just wasn't necessary at all. It's just another grade for her to calculate.

n/a

Course subjects go back and forth between topics.

almost none of the work was checked and was a big waste of time.

The textbook did not follow the course outline, often providing unnecessary information or failing to complement subjects covered in class. Online assignments wee more useful, making the investment in a physical textbook unnecessary.

AS STATED PREVIOUSLY: The insturctor never showed up for many classes. Then when he finally got replaced, we were expected to be at the same level as the rest of the classes; this seems unfair. I do not see how we are asked to cover all the information needed, however the new prof is doing her best, I guess.

This course is extremely beneficial but make sure a competent instructor teaches it.

This course is extremely beneficial but make sure a competent instructor teaches it.

Hands on experiments are good.

Good

I didn't use anything.

Hands on activities were a little shaky. Pendulum assignment was hard to assemble and we were not given very good details on how to attain our data.

Prof. Tansel could not teach. Horrible in class; did not understand accent. Homework made no sense and did not match up with class work. Had a hard time following the class.

The Professor did not say what chapters in the book we were learning from. He only showed us power points every class and expected us to know the material already. And when I myself, or another student would ask what chapter a certain topic was in the book, he wouldn't know himself. His power points were never in an order that made sense or that went along with the book at all. I was always incredibly confused. He never used online material.

See above.

For the short time that Prof.Synder was with us she was very helpful.

The assignments didn't do much for me. The activites were pretty cool, and they helped understand some of the concepts a little better. There was no online material.

Statistic	Value
Total Responses	29

3. Do these assignments or class activities help you learn in this course?

#	Question	No help	A little help	Moderate help	Much help	Great help	Responses	Mean
1	Reading and posing questions	10.63%	18.50%	30.31%	29.92%	10.63%	254	3.11
2	Science in the news	14.96%	21.26%	25.59%	22.05%	16.14%	254	3.03
3	Activities	10.67%	14.23%	23.72%	33.60%	17.79%	253	3.34
4	Final projects	16.60%	14.23%	23.72%	28.06%	17.39%	253	3.15
5	Midterm examination	16.21%	17.39%	25.30%	25.69%	15.42%	253	3.07

4. What did you learn most from this course?

Text Response

science

I enjoyed and feel I got the most from the material based on theories such as in light and space.

Scientific process, chemistry, biology

Really nothing that I already knew. This course was a waste of time

astronomy, big bang, Hubble, Doppler effect

i learned the basics of all the different types of science

Nothing....no, i lied...how much i hate having to sit through foundations classes

Science in the news was a great assignment to have in the course. Keeps us updated on some interesting stuff that happens in the "science field." Also helped with the final group project. Activities during class gave us a chance to ask questions when needed and easy to learn from.

space.

I like this course because it involves chemistry, biology and geography among other subjects making it easy to be understood.

i learned more about genetics.

I learned about all of the basic sciences in one semester

I learned most about the topic we did our research paper on because it required a lot of research so I learned many things.

some astrology

From this course I learned the fundamentals of each branch of science as well as the scientific process and how it can be applied to various scientific experiments.

I learned a lot about DNA and how it ties with human existence.

What I learned most from this course is how the scientific method is used and applied in science to help prove theories.

I learned that it is important to know what is going on in the science world. There are the things that need to be known.

I learned about the importance of Science and how it plays a major role in society. I learned the basics of the different fields of science.

The most i learned about was toxoplasmosis (my final project)

I learned about AIDS and methods taken these days to neutralize it to prevent further spreading of the virus around the body.

the basics of all the areas of science.

I learned different branches of science, some of which I have long wanted to study, but have never had the time or opportunity to.

Scientific Method.

I learnt a lot of stuff about science

Different scientific approaches.

I learned a lot of astronomy, because that was the subject I knew least about.

i believe i learned the most from all the different topics we covered in the field of science.

I learnt about the different branches of science.

I already took this class in high school, so nothing really.

A better theoretical understanding of the scientific process.

I got a deeper understanding of these I have already learned from previous school courses.

I learned how to think critically in order to gather ideas and make a point. I also learned how to debate properly and successfully.

scientific process and differences between science and false sciences

I learned how to analytically think.

Astronomy

I learned more about science in news

I learned the most about topics like earth science and physics, which I took years ago.

i learned how to think things out more.

More about topics like genetics, and earth science since i am not taking those classes

I learned in detail about the different types of science

everyone has a different opinion on different issues

General Scientific concepts

I learned more about the processes taken by scientists when approaching a question, formulating a hypothesis and creating an experiment.

A lot about earth science and space in general.

I learned a lot more information covered on DNA and genetics, rather than i did when i took science in high school. (Biology)

I learned the scientific process and its steps to approach a hypothesis. Also, I learned a lot about science and the different kinds of energy sources that we have.

Critical thinking

A better understanding of science.

the work did give me help about the class, but in my opinion i feel the final project was no help at all

Various approaches for the scientific process

About the stars and the universe. Normally I'm not interested in that stuff, but it was relevant and noteworthy.

I learned better methods of conducting solely scientific research.

Solar Energy

black holes are created from dieing stars

The week on Astronomy in which galaxies, stars, planets, and Hubble's laws were discussed were of most interest to me and I learned a lot.

What I learned most about this course was understanding more about the various topics explained in class.

Mostly genetics caught my eye

The overall widespread usage of science and its importance.

The most I learned from the course was the subject which my group did our final project on.

Genetics

how experiments are done

refreshed my head a little bit about scientific notation and I learned a lot about astronomy and black holes

n/a

The more i know, the more i know of how little i actually know.

There were so many scientific topics covered in so little time that I did not learn anything "most" from this course.

General science

I learned how the scientific community interacts much differently than any other type of scholarly community.

i learned to keep updated with my blackboard and get into the habit, other than that i thought the class was pretty useless, i learned most of this stuff in my AP classes in high school and the class was wayyy too detailed and was not necessarily. A waste of time.

n/a

I learned the most about the universe and space from this course.

nothing

Science is very broad and there many unknown terms to learned

I learned some information from every topic, and how to apply them.

i did not learn anything bcouse iam takeing th same thing in my other snic classes

How science works

Scientific Method

That science spans over a vast amount of topics.

I learn more about Astronomy.

Scientific process

I learned most about climate change and energy production, as it seemed the most relevant to today's world.

I learned more about genetics and that helped me to understand it better for my biology class.

Basic science theorems and common knowledge material.

The Universe and how big it was. I had always thought our solar system was the center of the universe but found out it is actually a very tiny fraction of the whole universe.

The different topics that have been covered through the semester.

I learned a lot about the steps to form a hypothesis, and how to discover certain things about science.

Astronomy and genetics

The process of science

Chapter of Visible objects in the universe and Energy

about space

How to understand and follow the scientific method in order to investigate the world surrounding us.

The different aspects of space

i learned so much about so many interesting topics. But what stood out the most to me is that science cannot be proven, only disproven.

I had learn not much as I have already did this before and taking this class just doesn't suit my major.

Total waste of my time and money.

biology

I learned most about DNA and space from this course.
Basic principles of science.
A bunch of information that is useless and would be eventually forgotten
I learned about how big the Universe is
The different types of sciences available to study.
To ask questions. It makes the learning and teaching aspect better

Statistic	Value
Total Responses	184

5. What did you like best about this course?

Text Response
working in groups
Fair amount of work that correlated well to the topics in class.
The teacher is great!
That its nearly over
The varying topics
the pace and the way my teacher taught
THE only thing i could think of is my peers and how engaged the professor was...besides that i didn't like much.
I like the simplicity and it wasn't a hectic class. Was a nice pace with a helpful instructor. We had lots of fair opportunities to fix our grade.
the professors
First of all, I liked the teaching of our professor, the way she took us through FCSC to give us a full understanding of the course.
i really liked the in class activities.
I liked how the lectures were easy to understand
It was a touch of every science.
nothing
I felt that the group activities really helped us to expand our knowledge and actively participate in our learning process rather only passively listening to lectures.
I liked working on the group project because I learned something in a field that I'm interested in.
What I liked most about this course were the sections that involved astronomy and the Earth. Also global warming and its effects on Earth.
Everything was easy to follow.
The pace which our instructor took it at. He was very helpful and always went out of his way to assist any problems we might have had.

I liked that we learned about the different fields of science. This allowed me to see what sciences I was interested in.

The challenging material

What i like about this course was that i learned about different things that were going on in the science community in all different topics and not just one thing speicfic to one topic in science.

That the professor was understanding that not everybody in here was studying science and that we were going to go at a good pace and learn some general information.

FCSC provided a perfect way to learn the basics about every brance of science.

The course was interactive and had a lot of hands-on activities.

Genetics

The variety of topics.

I liked the biology section the best.

I liked the topic of astronomy the best

I liked that the course taught us about the different branches of science and exposed us to different studies. They didn't focus on one topic but different intersting topics. Science in the news were fun and interesting.

The fair amount of work load.

Astronomy

It explains all different sciences I have talked in the past, all in one.

I liked the fact that we touched a new topic each week.

gave the base for future courses

The debates we did in class.

Learning about space.

Like debating and engaging with my classmates

The pace of the class was good.

i liked how the whole class interacted.

learned different topics and found things that interested you

The way the topics were presented

the debates

Straightforward manner

I enjoyed the varied content, it was interesting and the use of technology was good.

The part about physics etc.

Genetics

Science in the news because it is really good to be updated in the scientific world.

Thinking outside the box

The variety in topics covered.

the activities we did in class gave me a hands on experience which is what i like about class.

The ability to interact in a group with other students

It was a nice pace, not too challenging and not too easy.

I favored the final presentations which were dependent on the knowledge of all group members. It allowed everyone to put their skills to the test to make one final product.

In - Class Assignments

the teachers witty nature

The instructor.

I liked how our Science in the News could be done on any topic science related and how our projects could also be from any science-related topic.

The manner in which the class was conducted.

That the professor didn't care too much about whether we were in class or not.

Nothing

In class activities

astronomy

n/a

That it was humbling, also that Dark matter and dark energy aren't related...

The course has a good, very BASIC review of some topics.

Nothing

the use of technology

science in the news was actually the only compelling part of the whole class.

n/a

I liked the subjects we discussed.

how easy it was

surprises and videos

The instructor was dedicated to teach the material and the workload.

i did not like anything about this course

The way we address so many branches of the science

The online learning platform moodle, that was exclusively created by our instructor

That it was fast pace and that everytime you went into class there was something new that you learned..

My professor, Dr. Pham made the class entertaining.

I loved the Astronomy topic of the course.

Hands-on activities

I liked the teaching format. Lectures provided me with very useful notes that proved to be more useful than reading the textbook.

I liked the astronomy unit the most because I've always loved space.

The online material was helpful and the homework given was not too much time consuming.

The Professor's style into making the course as simple as possible because it contained lots of information.

The variety of subject that cover all science from its basic concept like applying math.

i liked doing the science in the news because i enjoyed reading about certain experiments

astronomy

Doing Activites

The Professor's Lectures are very helpful

i liked learning about space

The instructor was really helpful.

the simplicity

i liked the way the instructor ran the course the powerpoints and lectures were always fun and informative.

First 2.5 Months, there was a professor who hardly ever show up. Then, he was fired and Dr. Snyder took over. Found her very caring and considerate. Teaching method is very effective and to the point. It helped me refresh my memory from the things i learned in high school

The pace of the course was good and the teacher tried to teach us well.

I LIKE EVERYTHINH EQUALLY

The pace.

the fun experiments we did earlier in the first half of the semester

i liked performing the one lab we did.

Statistic	Value
Total Responses	185

6. What did this course challenge you the most?

Text Response

working in groups

Having the midterms and final short response. Lots of writing made my hand hurt and lots of work was crammed into final week of class.

To look at a problem in different ways

trying to stay awake

Attendance

Some of the topics that included math.

to see in the eyes of science

What challenges most in this course is the abundance of so many topics which are sincerely hard to covered.

this course challenged me to think outside the box more often.

This course challenged my understanding of the sciences

the research

The most challenging aspect of the course was the final powerpoint presentation, but it helped that we were very interested in our topic.

The midterm exam was very challenging.

What challenged me the most in this course was the midterm. I found the midterm to be difficult.

The Midterm.

This course forced us to think like scientists and understand the foundations of the sciences.

That question doesn't make sense

It challenged me to stay on top of things.

probably the midterm.

I don't understand the question.

Making up our own questions about topics.

Physics

Looking at things from different perspectives.

The online homework was a little specific, but other than that everything was fine.

Studying for all the topics, all the topics together provides a lot of material to study

It challenged me to think about the universe and also the earth. This course taught me about the life, the universe, the earth, the sun, etc.

Have to do the homework.

The final project: working in a group that I didn't choose.

Midterm and the final, I am not a big test taker.

This course challenged me to use my brain in a different way. The formats of the assignments were not what I was used to, but I got accustomed to them and became more comfortable with them. challenged thinking and ability to connect information to reach an educated observation

The readings. They were a little dry.

It challenged me to do readings and do homework.

I was challenged in public speaking as it has always been a fear I have never overcome

The final research project challenged me the most.

To explain my thoughts out a little deeper than I could.

Since there is a lot of topics, there is a lot to memorize.

The test was the most challenging since it was not specified as to what needed to be studied
my thinking on my opinions

Memorization

Bad question, what I believe is being asked is what in the course did I find the most challenging: in which case it would be the large amount of reading that accompanied each lecture, which was often complicated.

When we came to talk about biology and genetics

Earth Science, chemistry, and physics

I think that it was challenging in a way that we needed to become familiar with a lot of things in science in a short time.

Supporting an argument

The research paper.

to actually read the material cause she is one of the teachers who actually ask questions about it.

Completing the required reading and assignments on time

The research paper was the most challenging, working in groups on something like that is a royal pain.

N/A

Tests

by making us do presentations

The course challenged me to think outside the box and relate it to the scientific process.

It challenged me to keep up with all the material and to make sure I understood it all.

It wasn't much of a challenge

Exams.

Comprehending the professor and trying to make sense of what he was saying.

Nothing

the group presentation required a lot of effort contacting each other back and forth to get our information together.

physics

n/a

To understand higher level forms of science research such as science in the news

Being scientifically ubiquitous.

Nothing

it challenged me the most during the topic of genetics

not a challenge, it was all useless memorization that i'll never actually need to know, like where stars come from.

conversions

This course challenged me the most because of the difficult professor.

being able to sit in class while learning nothing

to define scientific terms according to the book

The challenging aspect was the vast topics that were covered.

It challenged me to make my own research and be more interested on science

nothing challenging

There needs to be less information taught. There was too much information for a foundations class.

The course challenged me through some of the activities.

The topic of Assymetric Universe was pretty challenging.

Memorizing information

The course challenged me the most in information gathering. The final project tested my ability to understand research articles and present their ideas clearly to an uniformed audience.

The tests were kind of hard.

challenged me to go back and try to remember what I've been taught before.

Mainly in the area of research work and information online because that really was not my area of expertise and my Professor always wanted the best work so I got really challenged.

kept the definition of many terms in the science.

it challenged my critical thinking

Understanding complex readings

Reading assignments

genetics

Read scientific and understand specific scientific articles.

in regards to space

Although this course was fun it was also challenging, the homework multiple choice questions with more than one correct really made you think and do your research.

Nothing challenging.

The group project

The topics in the course were too random one week we're learning about outer space the next we are learning about human body and chemistry.

LEARNING NEW TERMS

The final project.

Not sure, maybe self control?

mostly everything in science

It was a little hard to keep up with.

To work in a group

This course made me think more about my surrounding and look at the world and the universe in a different way

The complexity of the exam were my challenge

This course challenged me to think about , or touch upon varies science topics that haven't been introduced to me before.

Statistic	Value
Total Responses	178

7. This course could have been more effective, if it made changes in?

Text Response

n/a

Spread out work over the year and maybe slightly more challenging material.

This entire course is such crap. The idea of teaching students about all fields of science, while possibly being appealing in theory, is actually a very bad idea. The only way that i see of improving this course is possibly better instructors who can actually teach the material rather than simply reciting it, then maybe kids would be interested and learn something from it.

efficiency

Possibly but it's doing fine right now.

its fine the way it is

Surely this course could have been so effective if only the number of the topics is moderated. The topics are not supposed to the number they are because there are so many other activities to be carried out.

it would be more effective if there was more class participation.

I think this course was effective

make it more informational.

Overall course was very interesting, not much changes to be recommended.

If less was taught about astronomy, and more things were taught about modern science.

I found the course to be very interesting and challenging in some aspects. I don't think there is a need for changes.

Nothing.

This course would be more effective if the homework reading was reinforced with more homework questions.

We had one professor for the entire semester

This course would have been more effective if it allowed us to do more group presentations like the final project

i thought everything was good.

The final project seems to come out of nowhere and feels unnecessary. I did not find it particularly helpful in any way, shape, or form.

less topics, more detailed topics.

If we would be able to do more experiments

Clarity.

There were more in class or computer-based activities.

the length of each class. instead of 1 hour and a half maybe 2 hours or so. the extra time could be given to provide better explanations throughout the topics.

i was very happy with the course. It was fun.

The content.

Try to focus on less topics, deepen them and do more exercises and problems. Especially for physics, theory is nothing of you can't solve problems.

It is good now.

I think the course is fine as is, but some of the articles in the textbook were uninteresting or hard to understand which made homework a little dull.

n/a

The work that the professor gave us.

Giving tests once in awhile.

The assignments are not interesting

More opportunities to bump up grades (quizzes, tests), make powerpoints with relevant information, outline equations we need to know.

If the class wasn't so long.

No comment - I really like the course

If the pace of the class was a lot slower it would have been more effective.

yes less information and more basic

Content

Less out of lesson reading.

narrowing down the topics

More home works and assignments hand written or e-mailed rather than blackboard, more quizzes rather than longer exams, and more review sessions to explain the course content more.

I think that the main thing has to be the scientific process, and even though the topics were really interesting, narrowing them down to the most important ones, would make the class more effective and entertaining.

More debate on philosophical arguments

In the research paper outline.

there are no needs to make changes,

Everything was effective in my opinion

The course as a whole is nice, especially the activities.

The quality and quantity of material; the rigor of that material.

Homework Assignments

nothing

The course could have been more effective if there were more hands-on experience activities.

None. I think it is a solid class.

This class is too general and too broad to be a core class. There are too many things to go through or expect to learn. I feel as if it's useless and should be offered more as an elective. The purpose of this class is still questionable to me. As a paying student this class shouldn't be required. The professor is great teaching what she's handed, but either evaluate the curriculum and focus on general science than going from one extreme to the other.

This course gives a little information about each subject. I do think that it is important if someone's major is decided. but the majority of people have decided their major and most of the times it has nothing to do with the things we learn in this course.

Perhaps concentrating on several large areas, and going a bit more in depth rather than lightly touching everything.

The professor, the material and the way it is taught should all be changed. The professor is unable to efficiently teach the class and should therefore not teach it. He is difficult to understand and is way too rigid in his teaching methods to allow for better comprehension of the course material. Also, using powerpoints to teach the class serve no purpose because no one will pay attention and it doesn't properly engage the class in the subject material. More activities relating to the subject and less powerpoint presentations would greatly assist the effectiveness of the course. Truthfully, I believe that this course shouldn't even exist because it serves no purpose in our careers and is information we will or have already learned in other science courses. There is no need for a general science course because it does not further our knowledge in any way, shape or form. It wastes a whole semester of a class that would actually be useful to us; this in turn, becomes a waste of the student's time and money.

The professor

the amount of cookies. Every class needs more cookies.

classroom location. rm. 313 stinks for the manhattan campus.

Either topics were too basic, or too detailed into a certain field. There should be a middle ground.

Yes. Such as not trying to abridge so many topics simultaneously. It doesn't give students well-roundedness, it is a waste of time and money as it offers no outcome aside from using one's common sense.

n/a

More organized and more in depth analysis on each subject

More focus on experimentation, methods of research, etc instead of basic knowledge behind TOO MANY topics of science.

No.

less lecture, more activities

if we actually did hands on experiments rather than sitting and listening about previous experiments.

And, the course would be more effective if it wasn't so detailed.

the teacher and material

Which professor was teaching the course.

the way the material was presented

preparedness and better use of time

I would have wanted to see the powerpoints posted up online because I wasn't able to see them, so I could only rely on my notes.

not to give to much work beosue no one need this class it just watse of time they should just go easy on it

For the future, do not put a class like that at 8AM. It will raise the performance of the students

Yes

Some of the course topics. Some topics seemed a bit out of place and it would help if there were more relevant and general topics, unlike molecular biology and advanced chemistry.

No changes needed.

Assignments

If changes are made in what subjects are taught or in what order at the very least, then the course might be easier for students and more interesting. I still disagree with teaching different fields of science in one course, rather than dedicating a course to a specific science.

There should be more activities that tie in with the lessons.

The teacher was hard to cooperate with. I didn't like the way he taught and he graded everything very low. Class average is low and he blames all students for not studying. People left in the middle of the class because they were tired of the same monotone teaching and tired of being treated like kindergarten students.

I think it was perfect at least with my Professor but could be better if some details were removed because it contained too much information.

Seems fine.

less power points, and more interactive teaching

The way work was assigned. Half the semester was in black bored the other half was on moodle

The powerpoints are not built really well

this class went beyond the basics for science, it should not do that because many of my peers including myself were already taking in depth science courses. This class interfered with those classes that were more important and I personally believe that if a student has already chosen a major they should not be forced to take a class like this

The pace different subjects were presented to class.

the outside influences of changing professors wasn't an issue

i feel the course was very well designed out i wouldn't change a thing

Had nothing to do with my major which is "Hospitality Management"

Make the topics less broad and have more of a focus.

Amount of time the class met per week.

GET RID OF THAT 3 PAGE LAB REPORT. Honestly who can write three full pages on a pendulum, A PENDULUM. It was the most time consuming, useless project I have ever worked on and I learned nothing from it other than how to fill a writing assignment with completely unnecessary information. Same could be said of what was required the science in the news articles. But mostly it was that lab report.

Fixing moodle

If each topic was explained more in depth, and more group work.

More explanations and/or info about certain topics that can appeal to the class and not go by slides alone.. More hands on activities

This course could have been better if they made black board much more easier to use

In how the class is operated tt is conduct studies

This course is to broad it doesn't focus on a specific subjects. I feel it needs to be more narrowed down to specific topic and needs to be more focused.

Statistic	Value
Total Responses	169

Appendix A.

Procedures and Sample Description:

The Qualtrics survey tool was used to design the survey, and the survey link was sent to all instructors who teach FCSC 101 during fall semester, 2011, then the instructors were requested to send the survey link to students and encourage students to take the survey. The students' population was 628 in total. Responses were collected through 1/12/2012 when the survey was closed and this report was generated.

- A total of 382 responded to the survey for a return rate of 61%.
- There were total of 382 students started the survey, and 264 completed it for a completion rate of 69%.