MATH 403 "One-Third" Survey

This survey is completely anonymous, and is designed to give the instructor feedback for the purpose of improving the course. The responses shown below are complete – none have been deleted or edited.

1. What have we done that has helped your learning?

Responses:

❖ Created good powerpoints to demonstrate class concepts. Reviews for exams.

❖ Doing the homework (not graded) that is assigned every class meeting is very helpful. I also feel like that is the kind of material that I will be teaching my future students. Also, the review sheet really helped me prepare for the test. I liked have a list of things that summed up the material.

❖ Good teaching and relating subject to how we will use it in the classroom, etc.

❖ Hands on manipulative demonstrations plenty of time for homework completion presentation of content with various explanations/viewpoints student/teacher discussions - facilitated well. use of technology to assist learning/teaching posting solutions to tests/questions/homework helpful

❖ Having the workbooks that the students use is helpful as it tells us how the information is presented to the student. Additionally, I find the manipulatives we cut out and make very useful personally and as a teaching strategy.

❖ Honestly, the only thing that is helping me is the internet. This whole ITV is not helpful for me.

❖ I am not sure about the rest of the class, but I do not feel as though I am learning as much as I should be in this class. I have struggled all of the way through it so far. The only time I feel like I am learning is when you cover things more indepth during lecture. This class has been hard because I have not had geometry since I was in grade school, which was 30 years or so ago.

❖ I believe the notes in slide format are of huge benefit.

❖ I have really enjoyed learning how to use Microsoft equation. I think that it will be extremely helpful when it comes to teaching my students in the future. Technology can be so exciting.

❖ I like having the notes before class and being able to follow them along with the lecture.

❖ I like that you incorporate hands on activities and explain lessons thoroughly.

❖ I love getting the answers to the homework after it's been graded. I think that the online notes are great too. I can follow along and complete the notes in class, and I can print your completed notes the next day. That way I'm sure to get the information.
I think having the visual aids like the blocks and whatnot that we have in class are very helpful, especially to those of us who are in the surrounding areas and not in Bowling Green. I like having the detailed examples in the notes and having the notes really detailed to the best of your ability for the class as a whole, so everyone stays on the same page.

- Improved my knowledge of geometric math concepts.
- It has helped to see where some of the proofs come from. Also, I like the powerpoint notes. It makes it easier to study when I have them all in order in a binder.
- nothing
- nothing
- Nothing. Not enough information about the material is being taught.
- So far not very much. Some of the things I remember from my other class.
- The class notes online and the addins after class. The homework answers to see that I am understanding the problems.
- The hands-on approach is very beneficial, even if it is presented to students who don't learn in that way. A lot of students in the classroom thrive on hands-on activities and the fact that we are using a series of textbooks that is immediately relevant to the actual classroom setting is fantastic.
- The variety of presentations helps. I like the being able to have a copy of the notes to write on.
- Tied fundamental mathematical concepts to higher math levels. I don't feel like I wasted my time taking DEQ and Multivariable Calc. anymore. I honesty thought I'd never see it again in this major.
- your powerpoints and daily homework

2. What have we done that has hindered your learning?

*Responses:*

- At times the hand-ins seem to be about the things that we discussed the least in class. I have a hard time with them, and at times they seem almost impossible.

- Gives very hard hand in problems that are way beyond what I feel I need to know for teaching middle school math.

- I believe that the slides are pretty explanatory. The only thing that I see has an effect on learning is the distance, but there is not much you can do to change that.
I don't feel there is enough explanation to prepare for the homework, and the books don't really explain anything. As a result, I frequently feel frustrated when trying to do the homework. Worse, I don't feel that I am learning the guts of what I need to know.

I feel like I have nowhere to go when I need help. We need a textbook that actually has information in it. The ones we have now are good for later, but not now.

I haven't understood some of the hand-ins.

I really think the hardest part of having a math class via ITV is the entire class. I mean, it's not your fault by any means, so I don't want you to get that impression, however, it's harder for us to ask questions without sounding so confusing over the ITV session. It's hard to explain things to some people and really hard especially if you don't know them that well, or as well as you probably would if they were in a regular classroom setting. Overall, nothing in particular that YOU have done has hindered my learning in any way, shape or form.

I suppose I am a traditional learner because I feel that I am struggling without a textbook to refer back to with regards to the homework and especially the Hand-Ins. I find the Hands-Ins very challenging and frustrating because many times I don't even know where to start and I feel like I may need to change my area of emphasis since I think I am out of my league.

I think that any ITV course hinders learning. I am grateful for the course being offered in my hometown (so I don't have to drive to Bowling Green) but not having a professor in front of you is tough. Also, the hand-ins are way hard. It's tough to get a grade for something that's going to be taught the next session.

I think the hand-in's are frustrating. I know they are designed to make us think critically. However, sometimes I feel like I am answering a problem that I have not been taught how to do. This is frustrating because these assignments are graded. I think that the difficult hand-in's take away from what we are focusing on in class.

Not discussing the techniques and things we need for our hand-ins.

Not explaining things better. Give examples to problems using actual numbers filled in. Also giving problems that is not in our books to help us. Also not knowing what you want for the answer. Answering questions that my answer is pretty much the same as what you said but it is counted wrong.

not understanding some of the homework and not having enough examples

Nothing

Nothing

Nothing really. Your doing a great job!
Nothing specific... I wish questions on the quizzes were a little more specific. Questions sometimes seem hard to understand.

Several of the hand-in assignments relate to concepts we've done in class, but that I feel we may have rushed through or did not spend enough time on to take it to that next level as required on the hand-in homework. I've been more stressed out about those than the actual test we've had.

Some of the material is a little too hard like some of the hand in assignments.

The fact that the course is a TV course has made it difficult. Many times, you are explaining something and if I don't understand it is hard to find a place to chime in. Also, it is uncomfortable buzzing in; it's a far cry from the traditional classroom. The hand-in assignments are very frustrating. They don't seem to always relate to what we have covered in class. The homework assignments seem revelant and very helpful. I feel like my work on the homework assignments is much more representative of what I have learned in class.

The hand-ins have become too difficult. They take too much time for no more a % of the grade they are worth. Plus, they should relate more to what we have went over in class.

The homework assignments have really hindered my learning because our homework is nothing like what we cover in class. The questions are not direct, so we are never sure what you are asking for, such as a formula, a direct answer, or an array of all possible answers and the way the questions are asked, they are misleading, so we don't know what the answer should be. The homework is also not like what we cover in class and I have to spend too much time trying to figure it out. I know I am not the only one, but I work full time, I have two children, and I have a husband. I have already lost so much sleep this semester because I have to stay up all of the night trying to figure this stuff out and then, after wasting all of that time, I don't give the correct answers. If I did not need this class so bad, I would drop it and try to take it later, but I can't afford to because I am so close to getting my degree and I need it to take what is offered next semester.

the homework assignments we turn in dont seem to be following the work we are doing in class or maybe I just havent been exposed to some of it.

The required books are pointless and a waste of money.

3. What can we do differently to improve your learning?

Responses:

Actual textbooks would be nice.

At times, it seems like the simple stuff, those things that I definitely remember from past math classes goes pretty slow and the harder stuff I've never seen before, you speed right through. It would be nice to slow down on the more challenging concepts and give everyone time to copy down what has been written. Many times I am writing as fast as I can and barely get the information down before we are on the next slide. I
know that I can go back and print the filled in notes later, but it is helpful to go through the process and write it down myself so I better understand it, including extra little notes to myself as we go along. I definitely think that the hand-in assignments should reflect more of what we cover during class, like the homework assignments do. My grades would be better if I had been turning in homework assignments, and I would feel more on track in the class. Sometimes, I feel like I go off on a tangent spending hours on the hand-in assignments because it is for a grade than spending my time on what was covered in class.

- Concentrate more on what geometry is covered in the middle schools. Some of the things we go over are just not applicable for middle school students, for high school students "yes" but this is a middle school math class. If we were gifted in math we would have been a high school math major.

- explain things a little better so we will be hip to your scene

- Focus more on what I will actually be teaching in middle school and not make this a class that requires you to be an expert in geometry.

- Give work out of the book or questions similar, but is explained in the book. Not making the hand in homework so difficult to do that it is frustrating when you have to work on a problem for hours and still don't know if the answer you got is correct or not.

- go into more depth on some concepts such as the golden ratio

- Help me to gain some confidence that I am capable of teaching middle school students math.

- I believe the hand-ins should be more like the homework.

- I do not like the fact that our hand-ins are extremely hard. I have pulled my hair out trying to figure these awful problems out. Giving an explanation or discussing the techniques we need, before having to turn in the hand-ins, would really help me.

- I don't think that there would be anything in my mind that I can think of to improve my learning. I pay attention, do the homework assignments and the hand-in's and definitely ask questions when I'm confused, so I think I'm pretty well on the right track! I'm hip!

- I know there is a lot of content to cover but sometimes I feel like we are just covering it because it's a required part of the course, instead of for the actual learning and understanding behind it.

- I think our homework assignments should be based on what we have covered well enough in class. I understand that you want us to have to think things through, but it is almost impossible if we do not have enough information to know what to do. It seems as though I understand most of what you lecture about especially since you stopped using the sketchpad. It is not that the sketchpad is a bad thing, it is just that some of us
had never even seen the sketchpad before and we did not know what you were doing with it and it made things a little confusing.

- I think that if the ITV professors would teach at least one lesson a semester from each location, then all the students would have a chance to feel as though we know the professor. There is only so much personal touch through an email, or tv screen.

- I want to know exactly what you want on exams and homework. I feel that I answer questions thoroughly, then you completely crush that. Hand-in questions, I feel, are not in alignment with the covered material. If you graded homework, I would be happier.

- It seems as if class time is spent just skimming the surface of what we need to know for homework and the tests. Please spend more time explaining HOW TO work the problems you will be grading us on later. It would be nice if we had answers to the problems in the books, so we would know if we were doing it correctly, instead of finding out at test time that something wasn't right.

- It would help if sometimes you can point out what not to do with our students.

- Keep up the great work.

- More practice problems would help, and maybe a review practice problem sheet can be given before the next two tests so we can study by doing those problems. More help understanding the hand-in's would make those less frustrating.

- nothing everything fine!

- Quit using so much of the computer technology at your location. I learn better if you draw the stuff and show me as opposed to using the sketchpad or whatever.

- Text books and homework with the answers so I can see that I am working the problems correctly.

- work more examples!!!!!!!!!!!!!