



## **Core Ability Report - Mathematics**

Spring 2018

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**As a result of this program:** I am able to apply mathematical concepts.

| # | Answer                     | %      | Count |
|---|----------------------------|--------|-------|
| 1 | Strongly Disagree          | 0.00%  | 5     |
| 2 | Disagree                   | 0.00%  | 3     |
| 3 | Neither Agree nor Disagree | 20.00% | 27    |
| 4 | Agree                      | 0.00%  | 162   |
| 5 | Strongly Agree             | 80.00% | 130   |
|   | Total                      | 100%   | 327   |

**Provide any comments you have on mathematical concepts you learned.**

The instructors work hard to ensure the students understand how to apply math concepts to their work.

Math with Business Applications really did not help one bit, but during the accounting core classes I learned a ton of formulas and ways to calculate interest and they have all stuck with me. Going back to Math with Business Apps, the class went from learning fractions to calculating standard deviations which is insane, there should be just a math with accounting applications in my opinion.

I've always been a pretty advanced math student so there really wasn't much else to learn. However, I never really was advanced in Excel. This program, specifically the Accounting Spreadsheets class gave me the ability to easily make equations, links, and statements in a shorter amount of time than I ever thought I could do them.

No new math skills, mostly process flow skills.

So many mathematical concepts in accounting. While much of it is arithmetic, it is the concepts behind what you are doing that matters.

The accounting courses were very thorough in the way they covered the way calculations were made for different processes. things were explained in an easy to understand manner and the text book used was very easy to follow.

i am presently taking intermediate algebra, and my accounting makes more sense now. i think students should have to take intermediate algebra.

I already really enjoy math, so as long as I know what formulas to use for what I am trying to find, I am confident that I can do whatever I need.

Interest rates, sales discounts, depreciation

It was a good refresher.

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I really liked Business Math, Xxxx Xxxx is an excellent teacher. She taught the concepts in a variety of ways, so everyone had a chance to learn them. She was one of the most supportive teachers I had. She was willing to the extra mile, so her students could learn as much as possible.

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There was only math class required for this class, but I feel that I had no problems with it or really use a lot of math in my job field.

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Outside of the program classes, I took two semesters of math and I greatly enjoyed them. Both of the instructors were great at teaching and making me feel confident in my skills. The math I used for the program itself was mainly in Excel. I was first told that I would never have to come up with an Excel formula on my own and that proved to be false. I got many questions wrong because it was never fully explained about how to do the math part of the formulas, it was more just memorization that was not always used on the next assignment or test.

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A lot of HVAC equations for calculating loads.

Our math teacher was awesome

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The math course was very defined on automotive concepts and helped significantly with mental math while doing a job.

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The applied math class was good for using in each of the lab classes in the course

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I have used math before entering this program

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application of mathematical concepts into electronics

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I felt as if Accounting was a very good course to have as part of the program, however I feel like math with business applications was unneeded.

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I took a class called Math with Business Apps, which taught me different equations and solutions for business and also finances.

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Accounting

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Most of the math I thought was difficult, but the instructors did a great job helping me understand the concepts.

With costing out recipes to basic general math it was all helpful to learn.

N/A

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We used mathematics a lot in radiography lecture as well as lab. We also used math quite a bit in materials and lab procedures while taking impressions and pouring them up. We also used mathematics for prescription dosage worksheets to help us get an understanding of how a prescription is written.

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The scales were cool to use.

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Mixing the right amount of water and powder for cements and pour ups

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Measuring different objects with micrometers, dial gauges, vernier calipers, feeler gauges and of the like.

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some things we are never going to use. when your rebuilding an engine we arent going to need to know how to measure the size of the combustion chamber. people have already done that for us and the slight amount of change that would be made with doing a head job or changing pistons isn't really beatifical due to the fact that 9/10 times your taking old broken parts out and putting new parts in.

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Gear ratio

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good teacher

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We learned how to budget a center. and working with different problems that go along with running a child care room.

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For this we had a class about Math Science and Social Studies, which we learned ways to teach children about math concepts.

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Math has always been my worst subject. I have simply never been very good at it. The one math course that I took during this program was extremely helpful and very well taught.

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After high school I forgot pretty much all of the math concepts that I had learned. The Math with business apps class refreshed my memory and taught me a lot that I didn't know to begin with.

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Many of our classes taught us mathematical concepts and mathematical equations that are useful in real life and in the finance field. Xxxx Xxxx was very thorough in explaining how to complete mathematical concepts. Xxx Xxxx tried to explain mathematical equations to us, however, many of us were confused often by the explanations.

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I think that Xxxx Xxxx does a great job of teaching math concepts to students. Xxxx Xxxx on the other hand does not, does not take the time to make sure that students understand what is being taught. In Xxxx's classes if xxx knows that we are not understanding, xx will take the extra time to teach it and move the schedule back to make time for us to learn the information.

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There were some instances that the problems were difficult. Xxxx did a much better job explaining the math concepts than Xxxx.

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Hydraulics equations

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I'm terrible at math but I can do the basics needed for this program

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During stats we needed to figure out different formulas to accumulated data to use on reports

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for the stats class we needed to figure out formulas and how to use them to collect data

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Mathematics is not a strong suit of mine, but it was something definitely covered in the entirety of this program.

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Math evades me but there's no doubt I could grasp concepts quickly and easily if having to complete them in the future with a quick reference or how to online/YouTube.

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I wasn't good at math before this year, probably because I had a negative attitude going into math classes and now I completely get concepts I didn't previously

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Math is HARD...I still struggle but there was one teacher who was there for me... Xxxx Xxxx! Please tell her thank you for being who she is, she definitely helped me through some very tough times.

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I am much more confident of my mathematical capabilities after taking College Math, however, it's not something I really apply in this program.

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I have never really been great at math, but I did learn things and I passed my math course with a good grade. Xxxx Xxxx is the best math teacher I've ever had!

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I do feel as this pertained to the program. I did have to take a math class and I understand that math may be important if we were to be working with budget or with trying to figure out grant money to keep the contracts and agency going.

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I don't think this really applies to my program.

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One mathematical concepts I learned was from my internship where I have to figure out the net income and the monthly income. It make me a few time to figure it out but as I learned I got the idea of it.

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I still suck at Math....

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My math abilities were very good before I took this program. The program didn't help me apply math, but it certainly didn't hurt.

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NA

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Marketing was a good class. I learned this from Xxxx, not Xxxx.

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I only took 2 courses about math and if I were randomly quizzed, not sure I would pass it.

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Xxxx was great at teaching Financials

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I feel more confident in understanding the numbers behind a business thanks to Marketing Financials.

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Xxxx's class using the lemonade stand was fun and I learned a lot. I don't understand how i'm going to use them very much though other than on my cost of living.

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Math with applied business helped, another course wouldn't hurt.

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Just one math class, along with an accounting type class. Wish they would require more math

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There weren't too many classes focused exactly on mathematics but I feel the courses I did take were helpful.

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Wasn't a lot of math involved with the program.

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We have had multiple math equations to use throughout our program classes and as a whole in general.

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I had to take the remedial math class before I could take the program required math class, and I'm so glad I did! The teacher was very tough, but taught very well so I understood the material and was very well prepared to enter the program. I use the math and study skills every day at my job and in my other classes I took. I think the studying I did for that class (2 credit, but up to 16 hours of studying a week!), prepared me for studying for the Body Structure & Function class.

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I learned how to correctly calculate medication dosages.

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I learned how to do med math

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I've never been great at math but TC has a lot of great recourses for me to get the help I need.

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n/a

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no complaints

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nothing to add

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n/a

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multiplying pulse by 2.

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I struggle to recall the mathematics we used as they don't seem to be used very often (if at all) in a way that isn't already automated.

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Learned how to dilute specimens and how to report it out with comments.

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Most definitely had to keep my basic mathematical skills current - or at least recall them for each semester.

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I have gotten over my self doubt in the mathematical aspect of nursing. In first semester and Skills classes this was a huge benefit for me.

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The math was overwhelming at first, but including it on every exam has helped improve proficiency. I actually look forward to getting math questions on exams now. They are the ones that I can check and know that I've gotten them correct.

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I felt like have been well prepared with math concepts and think it is a good idea to keep math questions in every exam.

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I think the courses taught the math components well. I think that if some still struggled with math only those students should have to redo math quizzes and extra homework, not punish the entire class.

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It helped beginning math in the 1st semester and having math questions on each test. Having questions on each test helps and keeps us in practice with it.

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I have never been very good in math, and with including the math practice and questions on each test was very helpful..

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Math has never been a strong subject for me, and this program has taught me the math that I need to be a nurse.

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I thought math was only briefly visited. I understand that most students should have a basic understanding of math bt that time and if more help is needed there is help.

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Beginning math in first semester was very helpful so that we got the framework down and could gradually do more difficult math problems in following semesters.

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I like how we were given the opportunity to practice math and test on it in skills class. I also liked how there was at least 2 math problems on each exam. This helped keep the math concept fresh in my head.

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The program was good at reinforcing the mathematical skills that I already learned.

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I like that we have 2 math questions on each test, I think that's a good way to keep our math skills working

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I feel confident in the math skills I have learned throughout this course.

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I learned that sometimes you do, in fact, use algebra in everyday life. :)

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I have learned a lot of math that I didn't quite remember how to do from previous years. It was taught very well and practiced enough to remember to help me in my career as a nurse.

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a lot of education was done on math

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I think there should be one way of teaching the math questions for drug calculations. It seems that this varies from each instructor. As for rounding I think there should be a rule of thumb taught between all instructors instead of a different answer each time.

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Calculating the chronological age and recording test results.

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How to calculate chronological age.

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We focused on briefly.

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-Learned Goniometer measurements -Learned how to calculate chronological age

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Since math is not my strong suit, I am able to be more confident in this area.

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Nothing

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Most of the math concepts were very straight forward, and there were some that I would like to spend a little more time on, such as dead space tidal volume.

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A-a gradient, P/F ratio, predicted values and PBW along with setting up ventilators using the equations learned.

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We've done a lot of math by golly, won't ever forget it!

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There are MANY mathematical equations needed for the Respiratory Therapy program. Through this program I was able to learn exactly what each equation was, what each part meant, and how to apply them.

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learn the "cheats" earlier on, since we may not always have a calculator when the time comes.

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My math instructor went to fast and was impatient. Didn't care for his methods.

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Figuring out medication concentrations and converting between the English and metric systems

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Camera settings. Codecs. Aspect ratios. There is a lot of hidden math in all aspects of it that you don't really notice you are doing. Audio work. After Effects. Frames per second. You name it.

I am happy it wasn't a situation where I was drinking from a fire hose. The math we were taught or more aptly, refreshed on, was very specific to our needs and expanded on our understanding of the coursework from other classes. I am happy to have been taught by Xxxx, as their work ethic, demeanor and personal knowledge of applied mathematics to our trade were refreshing and appreciated.