Part IV: Assignment 05 Student Concept Narrative

Throughout the 2022 spring semester, the course has enhanced my critical thinking skills, knowledge, and expectations by applying deep learning methods. Although mathematics taught in this course is not my strength, I find myself coming to the end of another semester. I have gained resourceful information throughout this entire course that will benefit my professional career. Taking the curriculum that enhanced my knowledge, I will continue to apply all aspects of Human Deep Learning Methods. After this course, I have completed Chapter 4 and did well on the two low-stress tests.

This course created a new ideology interweaving Deep Learning Methods related to the principles of the Din4 Education Philosophy. This learning is done with the teachings of Sa'ah Naagh17 Bik'eh H0zh00n, the Din4 traditional living system. Through Nits1h1kees (thinking), you apply intellectual techniques to help analyze the ethics of sense and inspiration. Nahat'a (planning), you grow and reveal organization and communication skills. With Iin1 (Implementation), you demonstrate self-direction based on values and moral ethics. The last Siihasin (reflection), your work reflects your accomplishments and sets confidence in your career. These teachings have reflected the importance of the Deep Learning Methods when developing a Student Concept Narrative. We approach the problem, analyze, and solve the equation by applying correct applications and reflecting on correctness.

Chapter 4 discussed exponential and logarithmic functions. Applying an exponential function to actual life applications can be helpful when understood. For example, one must find the exponential formula that models the situation. Suppose y = ab to the power of x ($y = ab^x$), y will represent the sum of *a*, *and x* will represent the measurement of time or length. In that case, *a* represents the initial variable being measured, and *b* represents the decay or growth factor applied to the variable. An application like this will benefit my professional ability to apply correct equations to solve a solution. Now for the logarithmic function, the inverse of an exponential function is a transcendental function. The application can be applied to many real-life situations, such as measuring earthquake intensity, the pace of life in large cities, measurements of solutions like PH value, and it expresses a more significant value. Following the law of logarithms has helped me understand these equations, although they were time-consuming. However, I found it challenging to apply and identify logarithmic applications to real-life problems.

Throughout the course, we were required to utilize the ALKES platform as our primary resource, which became an innovative tool that monitored your learning and suggested study concepts to heighten the overall knowledge check. I am glad to have taken this course since I can monitor my progress. Looking back to the beginning of this course, I came in not knowing what to expect, and overall, with encouragement and reassurance, I felt comfortable completing my Chapter 4 tests. Taking all that I have learned, I will now apply all my knowledge to real-world problems and find a solution from my experience within this course. Human Deep Learning has built my confidence to think critically and clearly.

Student concept Narrative #5

WOW, it is now the end of the semester and I am very relieved about it. Using Aleks to create student concept narratives to attending class twice a week really changed my prospective on college math, little did I know this class was pre-calculus. All my life I always tried to avoid math because I knew I never understood it since I was in middle school.

Using ALEKS as a learning tool along with meeting our professor twice a week really helped me through this semester in math. I literally have no hope in myself with any math classes But working through ALEKS has been a mind changing experience for me. I do have until the end of may until my account with ALEKS ends. Therefore, I would like to try and get on every once and awhile to see if I will fall in love with math. It would be nice if more schools incorporated ALEKS into their teaching curriculum. My younger sisters are very good in math, and they would totally love this learning tool. I especially love the low stress tests, having the opportunity to go back and see what you done wrong and fixing it, is by far the best part. I not only go back and check, I work at that problem until I understand it and get it right.

As I stated before about the SCN's, I really love them, I learned from every one of my SCN's that I created. Not only do I just jot down notes, I do a little research on products and formulas when it is needed. Before SCN's I would just try and remember certain equations, and I have terrible memory. Instead of trying to solve an equation to the best of my knowledge, I am over here trying to remember what the formula looks.

I know getting a tutor doesn't exactly help too much, I believe it would be better to have a group of students working together with the same goal of solving these problems and getting different prospective from multiple point of views. When I was seeing a tutor, they were genuinely quiet, I believe they were just trying not to give me too much info on solving the problem and just wanted me to solve it myself. Then I thought to myself, what is the point of the tutor if I am going to be figuring this out myself anyway. So I stopped going to the tutor and I started to engage in the practice problems. I enjoyed working in chapter 2, and 3. Four was a bit complicated when it came to the word problems. All in all, I did enjoy chapter four, and chapter 3 with all the graphing. I don't know why but I do like graphing.

So, this semester started off very stressful, having the thought that I will be graduating this year with my associates, and knowing I have to pass my math class was very hard to think that I may not pass. But once we met our professor and he started his introduction, I was feeling more at ease about failing this class… Then when we started the ALEKS portion of the class, I started to stress again because of the percentage I got. After I was told that we can retake the knowledge check as many times as we need, I was so happy! Just one good news after another, I know the low stress tests and the knowledge checks made me want to approach math from a different perspective than before. I am very grateful and thankful for this opportunity to learn math in this new way. I think it should be like this everywhere, that way everyone will enjoy learning math instead of trying to avoid it, like I use to.