Note to my students taking this online class:

- Although this is an online class, to be successful you must work on the class material, particularly the homework assignments every week. Plan to spend at least 5-7 hours per week on this class. More time will be needed for complete mastery of the material.
- There are many ways to get help with the homework assignments
    - If you get stuck on a question, click on Question Help. Then you can View an Example similar to the question where the worked-out solution is given, and you can apply the strategies there to solve your problem and put in the final answer. Or you can click on Help Me Solve This to walk through all the steps of the solution and fill in the blank at every step.
    - If you use the Question Help function, when you are done with the online question, write down the question in your notebook, and at the end go back and solve the question on your own without help. This will help you internalize the method of solving that question.
    - Use only a NON-GRAPHING, scientific calculator like the TI-30IIX when you work on your homework, because that is the type of calculator you will get when you take the test at a testing center.
    - **All tests are proctored paper-pencil-test and you must take them at a Lone Star College testing center or a testing center approved by me.**
    - **Note that you can start taking the tests starting with the third week of class, but you must take them by the deadline in the calendar below. You will not be allowed to take a test after the deadline for that test. This is absolutely non-negotiable and there will be no exceptions to this.**
- The schedule below is my recommendation for study, which I strongly suggest you follow. It tells you what sections and which objectives in each section that you should study each week. It also contains all test deadlines and the sections each test covers.
- You cannot do well on the tests by cramming or simply watching the videos the night before. Mathematics, just like swimming, playing tennis or body building, requires constant efforts and practices. You cannot expect to get a six-pack the next day by going to the gym for the whole night the night before. Similarly, you cannot expect to get a good grade on the test by studying the night before.
- Guided notes and supplementary videos will be posted on the class website and are helpful to understand the material and solve the homework problems. Make use of them.
- If at any time you need help or advice, I am an email away. Email me at vinh.x.dang@lonestar.edu and I will do my best to get you unstuck and move forward with the material.
- Exercise self-discipline, be patient, be perseverant, read the eBook sections, watch the videos, work hard on the homework problems and you will be successful.
- The textbook is **College Algebra, Author(s): Blitzer, Pearson 7th Edition**. You are required to purchase a MLM access code by the end of **September 08, 2019**. The MLM access code will give you access to the online homework system and the ebook which has all the sections covered in the calendar below.

Math 1314 Online – Fall 2019 – Course Calendar		
Week 1 **8/26 –9/1**	**Syllabus and Class Information**	**1.5: Quadratic Equations**
Week 2 **9/2 - 9/8**	**1.6: Other Types of Equations**	
Week 3 **9/9 – 9/15**	**2.1-Basics of Functions and Their Graphs**	
Week 4 **9/16 – 9/22**	**2.2: More on Functions and Their Graphs**	**Do Practice Exam 1 to Review for Exam 1**
Week 5 **9/23 – 9/29**	**The final deadline to take Exam 1 is Saturday, September 28th, 2019. Exam 1 covers Section 1.5, 1.6, 2.1 and 2.2.** **Homework for Sections 1.5, 1.6, 2.1 and 2.2 are due by the end of day on 9/28.** **Extra credit is due via email to vinh.x.dang@lonestar.edu by end of day on 9/28. (Must be scanned into a single pdf file.)**	
Week 6 **9/30 – 10/6**	**2.5: Transformations of Functions**	**2.6: Combinations of Functions**
Week 7 **10/7 – 10/13**	**2.6: Composite Functions**	**2.7: Inverse Functions**
Week 8 **10/14 -10/20**	**Do Practice Exam 2 to Review for Exam 2**	
	The final deadline to take Exam 2 is Saturday, October 19th, 2019. Exam 2 covers Sections 2.5, 2.6, and 2.7. **Homework for 2.5, 2.6 and 2.7 are due by the end of day on 10/19** **Extra credit is due via email to vinh.x.dang@lonestar.edu by end of day on 10/19 (Must be scanned into a single pdf file.)**	
Week 9 **10/21 – 10/27**	**3.1: Quadratic Functions**	**3.2: Polynomial Functions and Their Graphs**
Week 10 **10/28 – 11/3**	**3.3: Dividing Polynomials; Remainder and Factor Theorems**	**3.4: Zeros of Polynomial Functions**
Week 11 **11/4 – 11/10**	**3.5: Rational Functions and Their Graphs**	**Do Practice Exam 3 to Review for Exam 3**

Week 12 **11/11 – 11/17**	**The final deadline to take Exam 3 is Saturday, November 16th, 2019. Exam 3 covers Sections 3.1, 3.2, 3.3, 3.4 and 3.5** **Homework for Sections 3.1, 3.2, 3.3, 3.4 and 3.5 are due by the end of day on 11/16** **Extra credit is due via email to vinh.x.dang@lonestar.edu by end of day on 11/16 (Must be scanned into a single pdf file.)**	
Week 13 **11/18 – 11/24**	**3.6-Polynomial and Rational Inequalities**	**4.1: Exponential Functions** **4.2: Logarithmic Functions**
Week 14 **11/25 – 12/1**	**4.3: Properties of Logarithms**	**4.4: Exponential and Logarithmic Equations**
Week 15 **12/2 – 12/7**	**6.1: Matrix Solution to Linear Systems**	**Do Practice Final Exam to Review for Final Exam**
Final	**The final deadline to take the Final Exam is on Wednesday, December 11th. The final exam is COMPREHENSIVE with a focus on the topics after Exam 3, i.e., Sections 3.6, 4.1, 4.2, 4.3, 4.4, and 6.1.** **Homework for Sections 3.6, 4.1, 4.2, 4.3, 4.4, and 6.1. are due by the end of day on 12/11.** **Extra credit is due via email to vinh.x.dang@lonestar.edu by end of day on 12/11 (Must be scanned into a single pdf file.)**	

It is your responsibility to check the hours of operations of the LSC testing center that you plan to take the tests at and make corresponding arrangement for your test taking.