Math 100 Course Expectations

You will need to commit time and effort to be successful in Math 100 this semester. Working to meet the following course expectations will help you achieve your math goals. We are here to support you in that adventure.

Time commitment:

1. Check D2L and ALEKS regularly!
2. Make time for Math 100.
    a. Math 100 is a 3-credit class. You should be working in ALEKS, watching assigned videos, and completing notes for at least 9 hours each week for a 15-week course. Students in a 7-week course should plan for at least 18 hours each week.
    b. Over the semester **100 hours in ALEKS** is expected.
    c. The University of Arizona policy requires **at least** "45 hours of work for each unit of credit." [1]

Credit	Student work time for the semester	Student work time each week for a 15wk course (minimum)	Student work time each week for a 7wk course (minimum)
1	45 hours	3 hours/week	6 hours/week
2	90 hours	6 hours/week	12 hours/week
3	135 hours	9 hours/week	18 hours/week

When working on math problems:

1. Focus on math – put away distractions (cell phones, homework for other classes, etc.)
2. Ask questions! Attend tutoring and Office Hours regularly.
3. Write your steps down and show your work. Math is meant to be written, read, engaged with, and writing things down will help you remember the process.

Thanks to keep in mind:

1. Work in ALEKS and complete assignments before the due dates.
2. Watch assigned videos and complete class notes.
3. Complete Knowledge Checks when prompted by ALEKS.
4. Take your tests and quizzes on the scheduled day! It can be easy to fall behind, but taking your tests will keep you moving forward.

[1] Source**: U of A Catalog: Academic Policies, Credit Definitions:** https://archive.catalog.arizona.edu/2020-21/policy/credit-definitions.html

Tips for Being a Successful Math Student

Below are some suggestions to help you become a more successful math student.

1. Have the right mindset! Say "BRING IT ON!" when looking at a new concept, embrace the challenge and the growth that comes with it. Saying this, even if you don't fully believe it, increases blood flow to the part of your brain that we need for problem solving.

2. Stay engaged! Work in ALEKS every day.

3. Meet your instructor and attend office hours.

4. When working on problems:
    a. Read the question carefully. Ask yourself: What is this problem asking me to find? Sometimes the task is to set up the problem, sometimes you need to solve for a value.

    b. Identify what you know and what you need to know. Label and organize your information so you can answer the question.

    c. Show your work! Show your steps and take up space. You need to be able to see what you are doing and if you ask for help, your instructor and tutor will be able to guide you through the concept if you show your process.

    d. Think about if your answer makes sense in the context of the question. If you are asked to find the time it takes to drive to a city 180 miles away, which answer makes more sense: 3 hours or 300 hours?

    e. Check your work. Take an extra minute or two to make sure the answer you got works.

5. Take breaks. If you are having trouble focusing or getting through a problem or topic, take a break and come back to it later.

6. Use your resources:
    a. **Class Notes:** Your Math 100 Class Notes has the notetakers for the assigned videos, sample problems for each module, scratch paper, and a place to write down formulas and other useful information. This is a resource meant to be read, used, and written in.
    b. **DESMOS/Graphing Calculator:** You calculator can be used for simple calculations, graphing, and more. Learning how to use your calculator effectively will help you be more confident using it.