

## How Parents Can Help Their Child Succeed in **Applied Studies Math I**

Applied Studies Math I is a course designed to develop student's knowledge of foundational math skills and ensure mastery of key concepts. We will cover topics including operations with integers, algebraic fundamentals, operations with fractions and decimals, place value, proportions, and percents, and working with the Cartesian coordinate system. Our goal is to solidify and master these essential skills to prepare for students for their future mathematics courses at ECA and EMU. Below are a few suggestions on how you can support your child in the course.

### **Support their development of growth mindset in math!**

This course will cover a variety of topics. While some students have had wonderful experiences in their past math classes, some have had less positive experiences. Whatever their experiences may be, remind them as frequently as possible that practice and challenge help them grow and that they have a team (including both parents and teachers) that believes in them.

### **Remind students to practice regularly and as frequently as possible.**

Students are expected to practice in ALEKS, a web-based, artificially intelligent learning system, for at least 3 hours per week. Each ALEKS session must be at least 20 minutes and they must practice across at least 4 days and practice 15 concepts in the learning system. The more they practice in ALEKS, the more prepared they will be for assessments in the course and when they take the EMU math placement assessments again later in the semester. Helping students make plans on setting aside time for their practice will help them be successful.

### **Ask your child to show you their notes and explain what they have learned in class.**

It doesn't matter what your background is in math, students can and should be able to explain to you what we learned in class. Have them explain and teach you what they learned to help reinforce what they have learned. If you notice that your child is struggling to explain what we've learned in class...

### **Encourage your child to utilize office hours and visit the ECA Math Lab.**

I hold office hours on Tuesdays and Thursdays from 3:30-4:30 in the math lab, and I am also available by appointment. Students should come to office hours anytime they feel unclear about what we've done in class, if they need clarification or have questions on any topics, or if they would like extra practice.

### **Monitor your child's progress.**

I recommend checking PowerSchool weekly. It will usually be updated over the weekend, so Sunday nights or Mondays are a good time to check what updates have been made, and if your child's grade has changed in the course based on assessments. Additionally, having your child log into ALEKS and show you the amount of time they have logged in ALEKS during the week is a good practice. Students are required to get parent/guardian signatures after each knowledge check (ALEKS assessment) so they can see how their child is progressing with the topics in the course.

### **Please let me know if you have any questions!**

Jayanthi Reddy

Office Phone: (734) 487 - 0441

E-mail: [reddy@earlycollegealliance.info](mailto:reddy@earlycollegealliance.info)