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Toyin Alli, Ph.D.

Toyin Alli is a Senior Lecturer in Mathematics and regularly teaches Calculus I for Science and Engineering. In 2018, she redesigned MATH 1113: Precalculus, a multi-section, coordinated course offered each semester. She was recently awarded the 2022 MAASE Distinguished Teaching Award by a Beginning College or University Faculty Member in recognition of her success and effectiveness in teaching.

I am excited to talk to you about group work, scaffolding, and class time management.

OFFICE HOURS:

10 AM, Mondays, October 17, November 14, and December 5, 2022 (Boyd 629)

10 AM – noon, Thursdays, October 20, and November 17, 2022 ([Zoom](#))

MOST USED ALSI CONCEPTS & SKILLS:

TILT (Transparency in Learning and Teaching)
Debriefing

BIGGEST SURPRISE IN YOUR ALSI REDESIGN:

How much the students enjoyed the redesign. They love how structured the course was and how they knew exactly what to expect each day as well as what was expected of them. The structure of my class really helped them structure their own time after class.

GREATEST TRIUMPH IN YOUR ALSI REDESIGN:

My greatest triumph was having all of the graduate students implement my redesign and use my materials. Now, everyone in my department—teaching that class—uses my materials. It feels so amazing to have made such an impact on the department. The DFW rates have decreased significantly.

MOST MEANINGFUL ALSI MEMORY:

The teaching sample that we did at the end where we were able to practice implementing active learning techniques. I practiced the first day activity that I planned to do with my students. The activity was so great to help me figure out *how* to explain it as well as *how long* it would take.

ADVICE FOR OVERCOMING ROADBLOCKS:

I worried about taking so much time for group work and not being able to cover all of the material. I ended up spending a lot of time on teaching problem-solving, and that was so valuable for the students. By the end of the semester, the students were able to learn and catch on to new topics more quickly. Going more slowly in the beginning was really helpful for my students.

WORDS OF WISDOM:

Always keep the goals (learning objectives) of your class in mind as well as the stage in the academic journey that your students are in. That will inform how you make decisions about your redesign.