



Teaching Algebra 1 Using Blended Learning

This course equips secondary math educators with tools and strategies to promote student-centered learning. Participants explore blended frameworks and adaptive online platforms to enable mastery-based self-pacing and personalized learning. Participants learn to design personalized lessons, purposefully integrate technology, and enhance student engagement, achievement, and growth in Algebra 1.

OBJECTIVES

- Explore blended frameworks to promote student-centered personalized instruction
- Understand and apply backward design to create job-embedded artifacts
- Utilize adaptive online programs and investigate materials to intentionally resource lessons and promote mastery-based and data-driven self-pacing
- Incorporate inquiry via the 5E framework with multimodal tools and strategies
- Review exemplars and progress tracking systems to guide student-led data-driven review for STAAR
- Create an action plan for a transition to blended learning

MODULES

- Blended Learning in a Secondary Math Classroom
- Beginning with the End in Mind
- Planning & Pacing
- Personalizing Algebra 1 Using Blended Learning
- Inquiry, the 5Es and Purposeful Technology in an Algebra 1 Classroom
- Preparing Students for STAAR Success Without Teaching to the Test
- Moving Forward with Blended Learning in Your Algebra 1 Classroom

DETAILS

20 CPE credits | 12 Weeks

Format: Asynchronous with opportunities for virtual collaboration

\$1,000 per participant

Course fees qualify for reimbursement by the Texas Education Agency upon completion.