

2-Day STEM Engineering Train-the-Trainer Institute

Facilitator Certification for STEM Design Challenges · July 9–10, 2026

DATES

July 9–10

2 consecutive days · 2026

LED BY

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UT Austin · ADI Founder

COST TO ATTEND

\$0

Registration & travel covered by grant
— simple application required

WHO ATTENDS

ESC STEM Leads

Texas regional ESCs

ABOUT THIS TRAINING

Certifying Texas ESC STEM Leads to Facilitate Real-World Engineering Instruction

The ADI STEM Engineering Train-the-Trainer Institute is a hands-on certification experience that prepares ESC STEM Leads to facilitate high-quality STEM Design Challenges across their regions. Participants experience engineering design as learners, rehearse facilitation with coaching, and leave fully equipped to deliver impactful teacher-facing PD. Attendance is fully covered through a grant, with a simple application required.

2-DAY TRAINING STRUCTURE

JULY 9 · DAY ONE	JULY 10 · DAY TWO
Engineering & STEM Facilitation Foundations	Rehearsal, Planning & Certification
<ul style="list-style-type: none">▶ Engineering as a driver of 3D instruction▶ Experience a STEM Design Challenge as a learner▶ Embedded practices & crosscutting concepts▶ Facilitating productive struggle with adults▶ Managing materials & logistics	<ul style="list-style-type: none">▶ Facilitator rehearsal with structured feedback▶ Connecting challenges to pacing guides▶ Regional workshop planning▶ Scaling STEM delivery across ESC region▶ Certification reflection & pathway commitment

WHAT PARTICIPANTS LEAVE WITH

- ▶ STEM Facilitator Pack — everything needed to run a Design Challenge workshop
- ▶ Slide decks & agendas — ready-to-use facilitation materials
- ▶ Regional rollout plan built during training, ESC-specific
- ▶ Trainer pricing on participant books & materials for future workshops
- ▶ Facilitator network access — ongoing support & resources

GRANT-FUNDED ATTENDANCE

No Cost to You or Your ESC

- ✓ Registration fees fully covered
- ✓ Travel expenses reimbursed
- ✓ Facilitator Pack included
- ✓ Simple grant application required

COMMITMENT & ACCOUNTABILITY

STEM Workshops to Host

4+ over 12 Months

In exchange for grant-funded attendance, each certified lead commits to hosting a minimum of 4 STEM Design Challenge workshops for regional teachers within 12 months of certification.

If the commitment is not fulfilled, **the participant or their ESC agrees to reimburse the cost of attendance and travel.**

ESC TURNAROUND EXPECTATIONS

- ▶ Leads host STEM workshops for teachers in their region
- ▶ Each ESC sets its own schedule & workshop format
- ▶ Districts attend ESC sessions
- ▶ ESCs post their own registration & agenda
- ▶ Brief implementation reports submitted after each workshop

PARTICIPANT COMMITMENT PATHWAY

STEP 1 Apply for Grant Simple application — covers registration & travel reimbursement	STEP 2 Attend July 9–10 Complete 2-day TOT & earn STEM facilitation certification	STEP 3 · COMMITMENT Host 4+ STEM Workshops Over the following 12 months at your ESC for regional teachers
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