

Classroom Climate that Supports Diverse STEM Learners



WPI

STEM
Education
Center

Target Audience: PK-16 educators, student-teachers

Course Description:

This online synchronous course addresses several elements of high-quality teaching, as well as laying the foundation for the variety of teaching & learning styles in different contexts (PreK-12 classrooms, out of school time settings, etc.). Students will discuss research related to family & community, culturally & linguistically sustaining practices, social & emotional learning, Universal Design for Learning, and engaging all learners in STEM. The course will also address different ways of knowing and learning, and connecting STEM learning to learners' culture and place. Participants will develop concrete plans to apply course topics into their practice, aligned with professional standards.

This course awards:

► **PDP Certificate**, 24 PDP's – awarded upon completion of the 4-day course and submission of coursework

OR

► **Graduate Credit**, 3 graduate credits (in lieu of PDPs)– awarded upon completion of the 7 follow up sessions & submission of course assignments

Course Information:

PDP only Option	Graduate Credit Extension*
<ul style="list-style-type: none">• Dates: August 12-15, 2025• Time: 8:45 am – 3:30 pm ET• Format: Fully online via Zoom (<i>collaborative & interactive</i>)• Final Project: None• Registration Fee: \$850• PDPs: 24	<ul style="list-style-type: none">• Dates: Thursdays, Oct. 23 – Dec. 11; total of 7 additional sessions. (<i>No session on 11/27/25</i>)• Time: 6:00-8:30 pm ET• Format: Fully online via Zoom (<i>collaborative & interactive</i>)• Final Project: Required and graded• Registration Fee: \$665 (<i>includes a \$15 student fee</i>)• Graduate Credits: 3 <p><i>Important: Participants taking the course for graduate credit must complete the 4-day course in August in addition to the requirements above.</i></p> <p>* This course counts as an elective course for the MS in Integrated STEM Education (MISE).</p>

Format, daily schedule & breaks:

The virtual PD will be conducted via Zoom and is designed to be collaborative and interactive.

- **Summer:** Morning sessions will run from **~8:45-12:15**; Afternoon sessions will run from **~1:00-3:30**. Each session will have at least one 10 min break; a 45-min lunch break is scheduled daily. We encourage participants to walk away from the computer during lunch break.
- **Extension:** Evening sessions run from 6:00-8:30. During this time participants will share what they have tried in their classrooms and reflect on the experience.

Visit our [website](#) to **REGISTER**.

For questions, contact Donna Taylor at dtaylor@wpi.edu